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MANAGEMENT**
Consulting Health Scientists

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Community Airborne Chemical Assessment for Residential Areas Surrounding 431 Lakeview Ct. in Mount Prospect, Illinois

Prepared for:

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On Behalf of:

Village of Mount Prospect, Illinois
and
City of Des Plaines, Illinois

Prepared by:

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Acronyms and Abbreviations

EPA	Environmental Protection Agency
ECHA	European Chemicals Agency
NIOSH	National Institute of Occupational Safety and Health
NIST	National Institute of Standards and Technology
OSHA	Occupational Safety and Health Administration
ppm	parts per million
TWA	Time-Weighted Average
RfC	Reference Concentration
DNEL	Derived No-Effect Level
NOAEC	No-Observed-Adverse-Effect-Concentration
ND	Not Detected



Executive Summary

On June 23-24, 2025, RHP Risk Management Inc. (RHP) conducted an airborne chemical assessment in residential areas surrounding an industrial facility, Prestige Feed (Prestige), located at 431 Lakeview Court in Mount Prospect, Illinois. Based upon previously conducted work by others (Montrose) which identified 17 compounds on the rooftop of the facility “with significant concentrations above ambient levels,” including four that were reported at a level on the rooftop which exceeded a “safe exposure level” for long-term (chronic) community exposure, an air testing study was conducted to evaluate airborne levels for 11 of these compounds in the surrounding community. The following compounds were assessed at six (6) locations surrounding the Prestige property:

- | | |
|-----------------------|------------------|
| 1. Acetaldehyde | 7. Dimethylamine |
| 2. Acetone | 8. Methanol |
| 3. Acetonitrile | 9. Pentanol |
| 4. Adipic acid | 10. Phenol |
| 5. Butyric acid | 11. Propene |
| 6. Dimethyl disulfide | |

Findings and Conclusions

The sampling results for all analytes were found to be below their corresponding health-based criteria (“safe exposure level”).¹ Results indicate that on the day of testing, under conditions believed to reasonably represent the scenario of community concern when odors were intermittently perceptible and winds directional from the facility towards residential areas, all analytes were found to be below concentrations at which it is believed that humans (including sensitive subgroups such as children, asthmatics, and the elderly) may be continuously exposed for a lifetime without expected adverse health effects.² The findings of this assessment best support the characterization of community concerns as a “nuisance odor” emanating from Prestige, as opposed to a community health concern, though there are several limitations to the study to consider. The report that follows this Executive Summary should be read in its entirety because it includes important information, such as more specific details about findings, regulatory requirements, recommendations, and project limitations.

¹ RHP applies this term to assist lay person understanding of technical information; criteria based upon research of 3 authoritative toxicology databases for each of the target compounds: US EPA’s Integrated Risk Information System (IRIS), CompTox, and the European Chemicals Agency (ECHA) to identify toxicological criteria and risk-based values relevant to community health (e.g., No Observed Adverse Effect Concentration (NOAEC) and Reference Concentration (RfC) values).

² The US EPA states “A RfC is an estimate of a continuous inhalation exposure concentration to people (including sensitive subgroups) that is likely to be without risk of deleterious effects during a lifetime.” For more information, see: <https://www.epa.gov/iris/iris-glossary> and <https://www.epa.gov/risk/conducting-human-health-risk-assessment>



1 Introduction

RHP Risk Management (RHP) was retained by Klein, Thorpe & Jenkins (Client) on behalf of two Illinois municipalities: 1) Village of Mount Prospect; 2) City of Des Plaines. The scope of work relates to an ongoing community concern about emissions into the air from industrial operations at Prestige Feed (Prestige), located at 431 Lakeview Court in Mount Prospect, Illinois. Residents located in the vicinity have submitted complaints to their municipalities about odors originating from the business over the past several years. Details about the concern are well documented elsewhere and publicly available from municipal and news-media information sources. Succinctly stated, the concern has historically been focused primarily on nuisance odor, though questions about the potential for adverse health effects were also raised which are the focus of this report.

2 Background

RHP was provided with a letter from V3 Companies, Ltd. ("V3") dated June 4, 2024 which was submitted to the Illinois Environmental Protection Agency (IL EPA) on behalf of Prestige and summarized the results of ambient air testing conducted on January 17, 2024 by Montrose Air Quality Services, LLC ("Montrose"). According to the V3 letter, Montrose conducted proton transfer reaction-time of flight mass spectrometry (PTR-TOF-MS) testing to examine chemical concentrations from the Prestige facility exhaust discharge points and ambient air at locations atop the facility rooftop nearby exhaust discharge points. RHP was not provided with a complete copy of the Montrose report and has relied upon the summary information contained in the V3 letter. It should be noted that this sampling event was conducted prior to the most recent design and process changes at the Prestige facility intended to mitigate the odor issue. The V3 letter summarizes the air testing results for sampling conducted by Montrose as:

"The analysis indicated the presence of seventeen (17) compounds. Of these compounds, research showed that eleven (11) have non-regulatory published odor thresholds. These compounds and their corresponding published non-regulatory thresholds can be found in **Appendix A**. Of these eleven (11) compounds, only one (1) compound, Butyric Acid, was found to have concentrations higher than its published non-regulatory odor threshold of 1 part per billion volume (ppbv)."

Summarily, the air testing was focused on an assessment of odor characteristics of the facility emissions. There were 17 chemical compounds detected in the air on the rooftop that were at concentrations elevated above typical ambient background levels and therefore potentially associated with facility emissions. Of these 17 compounds, only 11 have sufficient information available to understand the level at which people begin to perceive their odor (published odor thresholds) and only 1 compound (butyric acid) was actually present at a concentration on the



rooftop that was above the odor threshold. The focus of Montrose's testing and data interpretation was related to odor detection and not health effects.

Odor detection and the potential for adverse health effects are distinctly separate concepts. Some chemical compounds have excellent "warning properties" which means that a person will smell the chemical at low concentrations well before the potential for adverse health effects become a concern at higher concentrations. Conversely, some chemical compounds have poor "warning properties" which means that adverse health effects may occur at low concentrations before a person begins to perceive the presence of an odor, and by the time odor is detected an overexposure has already occurred. Therefore, it is important to consider both facets of odor and health effects when interpreting data from community air testing.

The data contained in the V3 report identifies an odor concern related to butyric acid on the rooftop of the facility. Based upon the odor properties of butyric acid described as "unpleasant, similar to vomit or body odor" which is consistent with anecdotal reports of odors in the surrounding community, there is basis for characterizing the facility emissions as a "nuisance odor." However, an understanding of the measured airborne concentrations and the potential for adverse health effects was not addressed and therefore was the subject questions posed to RHP by the Village of Mount Prospect Board of Trustees. At a Board of Trustees meeting held February 18, 2025, RHP presented a one-page summary of findings from research into the toxicological properties for each of the 17 compounds reportedly detected on the rooftop at Prestige. That one-page summary is attached to this report as Appendix D and is foundational information to understand the basis of the study design and test results described in this report. Summarily, for the 17 compounds of interest, the measurements collected on top the Prestige rooftop were at concentrations that:

- Were above a "no-effect" level for long-term (chronic) community exposure for 4 compounds (acetaldehyde, dimethylamine, phenol, ethyl isothiocyanate); RHP recommended prioritizing for further evaluation.
- Were below a "no-effect" level for long-term (chronic) community exposure for 5 compounds (butyric acid - odor issue remains-, methanol, acetonitrile, propene, dimethyl disulfide); RHP recommended deprioritizing for further evaluation.
- No chronic exposure community health data was identified, or limited information available, for 8 compounds (Ketene, diazomethane, formamidine, acetone, pentanol, butyramide, aminopyrimidine, adipic acid ethyl ester).

It is important to emphasize that the airborne concentration values measured atop the Prestige rooftop are not an indication of exposure levels at residential sites in the community. It is



expected that community exposures will be lower due to dilution as a function of distance from the facility. However, the rooftop data does serve as good means of identifying the chemicals-of-concern and informing airborne concentrations close to the source. If exposures nearby the source are of non-concern, then lower concentrations at distances further from the facility would be even lesser concern. While it is expected that concentrations at further distances in the community would be lower, it is unknown at what distance or under what set of conditions the boundary lays. Accordingly, the Client requested RHP to assess the potential chemical concentrations and exposures in the neighborhoods surrounding the Prestige facility. Based on this request, RHP focused our investigation, to include the assessment of human health risks and air sampling, on 11 of the 17 compounds whose concentrations exceeded ambient levels in the Montrose report. From a review of the list of 17 chemicals, RHP identified suitable air sampling methods, and analytical chemistry laboratories capable of performing the necessary analyses, for 11 of the chemicals. The results of the sampling would be compared to both the “safe exposure level” values identified through research conducted by RHP and odor threshold levels reported in the V3 letter. RHP relied on the results of the Montrose testing, as reported to the Illinois Environmental Protection Agency, to identify the chemicals of concern for our assessment. RHP did not address any chemicals that may have been added to the Prestige emissions to neutralize odors, nor did RHP conduct any research to address symptomology reported by residents surrounding the Prestige facility. Such concerns were outside the scope of the original request to RHP and if desired would require a multidisciplinary approach involving medical professionals in collaboration with environmental health professionals as part of future work. Regarding the odor neutralizing agents, there were at least two different products reported to have been used, though it is unclear which product, if any, was in use at the time of RHP’s air testing.³

Based upon RHP’s work to research relevant toxicological values and identify “safe exposure level” values for each of the 11 chemicals of concern, an air testing strategy was developed to collect measurements at residential receptor sites in the community areas surrounding Prestige. The objective was to identify a set of reasonably representative conditions under which the odor would likely be present and to collect air samples at nearby residential sites using air sampling methods that are sufficiently sensitive to inform relevance to human health for long-term chronic exposures. RHP reviewed a complaint log and researched historical meteorological conditions associated with 441 complaints filed from 4/17/2019 to 6/3/2025 to determine whether any particular combination of weather conditions, such as air temperature, precipitation, wind direction, or wind speed, were correlated with complaint frequency. Though not statistically significant, the analysis indicated that complaints were most likely with warm air temperatures

³ Byers Scientific Ecosorb® 607 and Atmosphere Odor Control



and when winds originated from the S/SE blowing towards the N/NW in the direction of residential zones near the facility.

From the list of 17 compounds in the V3 report, RHP identified analytical chemistry laboratories and air testing methods suitable for assessing community exposures for 11 compounds:

1. Acetaldehyde
2. Acetone
3. Acetonitrile
4. Adipic acid
5. Butyric acid
6. Dimethyl disulfide
7. Dimethylamine
8. Methanol
9. Pentanol
10. Phenol
11. Propene

3 “Safe Exposure Level” and Odor Thresholds

The primary goal of the air sampling was to determine if concentrations of the 11 chemicals of concern in the neighborhoods surrounding the Prestige facility exceeded “safe exposure level” concentrations.^{1,2} A secondary goal of the sampling was to determine if the concentrations exceeded odor thresholds established for the chemicals.

All sampling results were compared to the “safe exposure level” values and the odor threshold values. As mentioned, the “safe exposure level” values were obtained from the US EPA as a Reference Concentration (RfC), European Chemicals Agency Derived No-Effect Level (ECHA DNEL), or a No-Observed-Adverse-Effect-Concentration (NOAEC). The odor thresholds were determined from various sources including the AIHA Odor Thresholds for Chemicals⁴ handbook.

The “safe exposure level” values listed in this report represent concentrations at which it is believed that humans (including sensitive subgroups such as children, asthmatics, and the elderly) may be continuously exposed for a lifetime without expected adverse health effects.^{1,2} These “safe exposure level” values and associated odor threshold values for the 11 analytes included in this assessment are summarized in Table 1 below.

⁴ <https://www.aiha.org/news/240522-editors-present-new-edition-of-aiha-odor-threshold-publication>



Table 1: Air Sampling Results Data Interpretation Criteria

Analyte	"Safe Exposure Level" (ppm)	Odor Threshold (ppm)
Acetaldehyde	0.005*	0.05
Acetone	Not Established	41 – 86
Acetonitrile	0.036***	170
Adipic Acid	Not Established	Odorless
Butyric Acid	2.54**	0.001
Dimethyl Disulfide	0.099**	0.007 – 0.012
Dimethylamine	0.179**	Not Established
Methanol	15.3***	4.26
Pentanol	Not Established	0.12
Phenol	0.117**	0.04
Propene	5,003***	5,000 – 20,000

* US EPA RfC = U.S. Environmental Protection Agency Reference Concentration

** ECHA DNEL = European Chemicals Agency Derived No-Effect Level

*** NOAEC = No-Observed-Adverse-Effect Concentration

4 Methodology

On June 23-24, 2025, RHP Risk Management Inc. (RHP) conducted an airborne chemical assessment surrounding an industrial facility, Prestige Feed (Prestige), located at 431 Lakeview Court in Mount Prospect, Illinois. The following sampling parameters were identified and assessed at all six (6) locations surrounding the Prestige property:

The assessment was conducted by Rod Harvey, P.E., CIH, CSP, CHMM, Director of IH and Field Operations at RHP Risk Management, and Betty Wu, MHS, an Associate at RHP Risk Management.

RHP coordinated with Mr. Joshua Allain of the Village of Mount Prospect to select the parameters and locations for sampling so that the sampling accurately represented the exposures associated with the scenario of interest. This process involved the collection of air samples at six (6) various locations to be analyzed for the specific chemicals of concern, which reflect a result for a specific location and point in time. All air samples were collected and analyzed in accordance with approved methods as identified earlier. A strength of the air sampling methods employed for this

study related to comparison of results to “safe exposure level” values is data defensibility and the ability to have a high degree of confidence about the reported findings because testing following recognized and validated laboratory methods. The reported results pertain to an actual measurement collected at a physical location at a specific time. A weakness of the testing strategy, especially as it related to the comparison to odor threshold values, is that the results may not accurately represent conditions at other locations that were not sampled, or at different points in time or under different conditions (weather, wind, production rate). Further, because the air sampling methods report as single value which is an average value for the hours-long sampling duration, the results do not inform instantaneous peak levels that may have occurred during the sampling period. Rather, the results provide a single time-integrated average value for the entire sampling period. Air sampling at all locations and at all times is not a technically feasible or economically viable approach.

Table 2 below specifies each of the six (6) locations where these assessments were taken. A map depicting the sampling locations is presented in Appendix A.

Table 2: Sampling Locations for Airborne Chemical Assessment

Location #	Description
1	1601 Feehanville Dr, Mt Prospect, IL 60056
2	650 Dursey Ln, Des Plaines, IL 60016
3	676 Middleton Ln, Des Plaines, IL 60016
4	1281 Callen Ln, Des Plaines, IL 60016
5	1508 E Lowden Ln, Mt Prospect, IL 60056
6	760 Kylemore Dr, Des Plaines, IL 60016

Active sampling was performed for acetaldehyde, adipic acid, butyric acid, dimethyl disulfide, dimethylamine, pentanol, and phenol samples. All samples were collected on separate treated silica gel sorbent tubes. Samples were analyzed in accordance with the protocol outlined in modified NIOSH Method 2016, In-House Method WL082, EPA Method SM-5560M, OSHA Method PV 2210, modified NIOSH Method 2010, In-House Method 00005, and modified OSHA Method 32 respectively. Active sampling methods involve the use of sampling media attached to a low-volume air sampling pump with Tygon tubing. Air was then drawn through the sampling media at a method-specific flow rate. The airflow rate through the active samples was calibrated prior to and after the sampling procedure using a flow meter which is calibrated annually against a National Institute of Standards and Technology (NIST) traceable standard.

Active sampling was also performed for acetone, acetonitrile, methanol, and propene samples. These samples were collected together as whole-air samples into evacuated stainless-steel



canisters (1 Liter Summa canisters). Whole-air samples were analyzed in accordance with the protocol outlined in modified EPA Method TO-15. Whole-air sampling methods involve drawing air into a vacuum-evacuated canister through a critical orifice that regulates the rate and duration of air collection.

Samples were sent to several analytical chemistry laboratories, including: Atmospheric Analysis and Consulting, Inc. (AAC) in Ventura, California, Bureau Veritas SGS/Galson Laboratories (Galson) in East Syracuse, New York, and The Wisconsin Occupational Health Laboratory (WOHL) in Madison, Wisconsin.

5 Observations

The air samples were collected contemporaneously with apparent facility operations at Prestige from approximately 6:00 pm on Monday, June 23, 2025 through 1:30 am on Tuesday, June 24, 2025. During this period, weather data for Chicago O'Hare International Airport⁵ indicated that the temperature ranged from 92 degrees Fahrenheit (°F) at the start of the sampling period to 82 °F at the end of the sampling period. Dew points ranged from 74 to 79 °F. The winds during the sampling period were predominantly out of the south-southwest with occasionally winds out of the south or southwest. Sustained wind speeds during the sampling ranged from 7 to 15 miles per hour (mph) and gusts were 0 to 25 mph. Skies were partly cloudy to fair throughout the period and there was no precipitation.

At the onset of the sampling, there were no detectable odors in the vicinity of the Prestige facility. At approximately 7:30 pm, there was a noticeable odor, described as burnt cheese, which is commonly associated with butyric acid, detected in the vicinity of Sampling Location 2 (650 Dursey Lane). The odor continued to be noticeable for the next several hours, although it was only present in a very narrow band to the north-northwest of the Prestige facility. The intensity of the odor was variable from moderate to strong, but it was always present during this period of 7:30 pm to 12:00 am. At times the odor would be detectable at Sampling Locations 3 (676 Middleton Lane) and 4 (1281 Callen Lane), but at these locations it was intermittent and generally not as strong. At approximately midnight, the odor was no longer detectable at Sampling Location 2 but was very strong along Wolf Road to the southwest of the Prestige facility. During this period, it appeared that there was a temporary shift in the wind direction with winds coming out of the northwest.

⁵ <https://www.wunderground.com/history/daily/us/il/wheeling/KORD/date/2025-7-23>



6 Findings and Results

All field blanks reported values below the limit of detection for all contaminants, thus demonstrating that all quantifiable results for samples collected at the 6 target locations were not due to sample contamination and are valid measurements.

Table 3 below provides a summary of the results. Detailed data tables of all results can be found in Appendix B (Tables 4A – 4L). The corresponding laboratory reports for all samples can be found in Appendix C.



Table 3: Air Monitoring Results

Analytes	"No Effect" Level (ppm)	Odor Threshold (ppm)	Locations ^d					
			1	2	3	4	5	6
Acetaldehyde	0.005 ^a	0.05	<0.0037 ^e	<0.0035	<0.0039	<0.0043	<0.0044	<0.0049
Acetone	Not Established	41 – 86	0.00692	0.0104	0.00586	<0.0259	0.0074	0.00834
Acetonitrile	0.036 ^c	170	ND ^f	ND	ND	ND	ND	ND
Adipic Acid	Not Established	Odorless	<0.068	<0.11	<0.084	<0.096	<0.098	<0.11
Butyric Acid	2.54 ^b	0.001	<0.000576	<0.00059	<0.000576	<0.000588	<0.000599	<0.000593
Dimethyl Disulfide	0.099 ^b	0.007 – 0.012	<0.00027	<0.00027	<0.00028	<0.00028	<0.00028	<0.00030
Dimethylamine	0.179 ^b	Not Established	<0.051	<0.051	<0.057	<0.059	<0.056	<0.055
Methanol	15.3 ^c	4.26	<0.00699	<0.00699	<0.00748	<0.0647	<0.00734	0.0168
Pentanol	Not Established	0.12	<0.14	<0.13	<0.029	<0.14	<0.17	<0.15
Phenol	0.117 ^b	0.04	<0.011	<0.011	<0.010	<0.011	<0.011	<0.010
Propene	5,003 ^c	5,000 – 20,000	<0.0014	0.00184	<0.0015	<0.0129	<0.00147	<0.00142

a US EPA RfC = U.S. Environmental Protection Agency Reference Concentration

b ECHA DNEL = European Chemicals Agency Derived No-Effect Level

c NOAEC = No-Observed-Adverse-Effect Concentration (NOAEC)

d See Table 2 for Location Addresses

e < = less than

f ND = Not Detected



All sample results were below their corresponding human health-based criteria, also referred to as the “safe exposure level” as defined within this report. While not the primary target of the study, all analytical results were also below their respective odor thresholds.

The results for the six (6) acetaldehyde samples showed that all exposures were below the limits of detection, which ranged from <0.0035 to <0.0049 ppm. These limits of detection are all below the “safe exposure level” of 0.005 ppm. Results for the six (6) acetone samples reported concentrations ranging from 0.00586 to <0.0259 ppm. Since a “safe exposure level” was not established, no formal reporting limit applies.

Acetonitrile was not detected in any of the six (6) samples as a Tentatively Identified Compound (TIC), and TICs are not quantitated using calibration standards, no formal reporting limit applies. However, absence from the TIC report suggests that acetonitrile, if present, was below the laboratory’s spectral detection threshold. While the report does not include method detection limits (MDLs) for TICs, for reference, TO-15 methods typically yield MDLs for acetonitrile in the range of 0.0001 to 0.0005 ppm depending on sampling volume, instrument sensitivity, and matrix interference. This range is also well below acetonitrile’s “safe exposure level” of 0.036 ppm.

Results for the six (6) adipic acid samples showed that all exposures were below the limits of detection, which ranged from <0.068 to <0.11 ppm. Since a “safe exposure level” was not established, no formal reporting limit applies.

The results for the six (6) butyric acid samples, six (6) dimethyl disulfide samples, and six (6) dimethylamine samples all showed that all exposures were below the limits of detection, which ranged from <0.000576 to <0.000599 ppm, <0.00027 to <0.00030 ppm, and <0.051 to <0.059 ppm, respectively. These limits of detection are all well below their respective “safe exposure level” of 2.54 ppm, 0.099 ppm, and 0.179 ppm.

Results for the six (6) methanol samples reported concentrations ranging from <0.00699 to <0.0647 ppm. These concentrations are also well below the “safe exposure level” of 15.3 ppm. Results for the six (6) pentanol samples showed that all exposures were below the limits of detection, which ranged from <0.029 to <0.17 ppm. Since a “safe exposure level” was not established, no formal reporting limit applies.

The results for the six (6) phenol sampled showed that all exposures were below the limits of detection, which ranged from <0.010 to <0.011 ppm. These limits of detection are well below the “safe exposure level” of 0.117 ppm.



Results for the six (6) propene samples reported concentrations ranging from <0.0014 to <0.0129 ppm. These concentrations are also well below the “safe exposure level” of 5,003 ppm.

Although there was an odor described as burnt cheese perceptible during the sampling, which is a descriptor often used to describe the odor of butyric acid, all air sampling results were also below the odor thresholds for the sampled compounds, including butyric acid. Although odors were intermittently perceptible by RHP personnel conducting the air testing, the odors were not continuously perceptible at any one location for the full duration of the air sampling. Therefore, it is plausible that the average concentration of butyric acid was reported as below the odor threshold value; this is not an unexpected finding. While the airborne concentration of butyric acid may have been greater than the odor threshold for certain periods during the sampling period, the concentration averaged over the total sampling period was reported as being below the odor threshold. A different study design aimed at evaluating odor variability over time would be required to inform questions about peak concentrations of butyric acid over shorter time periods (e.g., collecting instantaneous grab samples that fill the evacuated Summa canisters quickly over several seconds when the odor is perceptible). Such is a different study design and for a different purpose than was the objective of this study.

7 Conclusions

The sampling results for all 11 analytes were found to be below their corresponding health-based criteria (“safe exposure level”) and odor threshold. Results indicate that all analytes are below airborne concentrations at which it is believed that humans (including sensitive subgroups such as children, asthmatics, and the elderly) may be continuously exposed for a lifetime without expected adverse health effects. The findings of this assessment best support the characterization of community concerns as a “nuisance odor” emanating from Prestige, as opposed to a community health concern, though there are several limitations to the study to consider.

1. The study was conducted under conditions believed to reasonably reflect the scenario of concern to the community. The testing day was carefully selected based upon apparent facility operating conditions, and weather conditions like those most likely associated with historical complaints. However, air testing results only pertain to the specific conditions present at the time of testing, and different facility operating conditions or weather patterns could yield different results.
2. The 11 target compounds selected for the study relied upon work previously performed by others. It is possible that other compounds not included in this assessment may be contributory to the community concerns. As an example, community concerns voiced



about the deodorizer/masking-agents reportedly used by the facility were not included in this assessment.

3. The objective of the study was focused on evaluating 11 specific compounds for comparison against human-health based criteria. Other than descriptions of an objectionable odor, RHP did not consider adverse physical reaction symptoms reported by the community in development of the study design (e.g., headaches, nasal congestion, eye and throat irritation, coughing, vomiting, and chest tightness). This was beyond the scope of the study and would require a more sophisticated multidisciplinary approach involving medical professionals in collaboration with environmental health professionals.

8 Standard of Care

The level of effort and associated tasks completed for this assessment were limited to the scope of services outlined in RHP's proposal (Proposal for Airborne Chemical Assessment – 431 Lakeview Ct., Mount Prospect, IL, February 26, 2025) and the work performed and memorialized in this report was conducted in accordance with generally accepted industrial hygiene practices.

RHP does not warrant the services of regulatory agencies, laboratories, or other third parties supplying information, which may have been used and relied upon in the design of this study or preparation of this report. No warranty, express or implied is made.

9 Reliance

Reliance on this report by Klein, Thorpe & Jenkins and all authorized parties will be subject to the limitations stated in the proposal, this report, and the Terms and Conditions outlined in the Agreement for Services between RHP and Klein, Thorpe & Jenkins.

Sincerely,

A handwritten signature in black ink, appearing to read "Rod Harvey".

Rod Harvey, P.E., CIH, ~~CSP~~, CHMM
Director of IH and Field Services
Direct Dial: 773.867.6004
E-Mail: rharvey@rhprisk.com

Reviewed by,

A handwritten signature in black ink, appearing to read "Jacob Persky".

Jacob Persky, MPH, CIH
Principal

Direct Dial: 773.867.6001

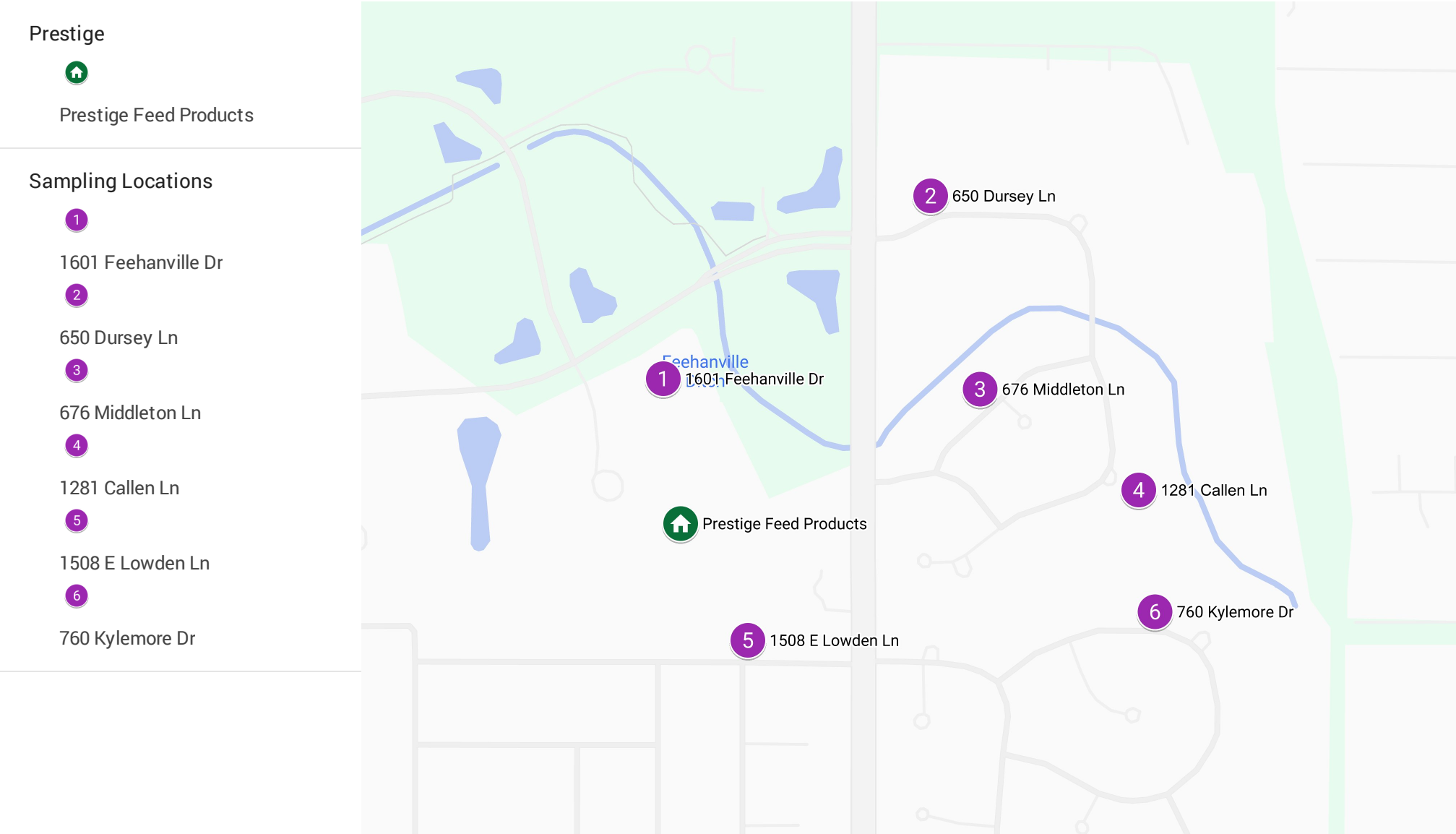
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APPENDIX A

Sampling Locations Map

Mt. Prospect Sampling Locations





APPENDIX B

Data Tables



Analytes	“No Effect” Level (ppm)	Odor Threshold (ppm)	Locations					
			1	2	3	4	5	6
Acetaldehyde	0.005*	0.05	<0.0037	<0.0035	<0.0039	<0.0043	<0.0044	<0.0049
Acetone	Not Established	41 – 86	0.00692	0.0104	0.00586	<0.0259	0.0074	0.00834
Acetonitrile	0.036***	170	ND †	ND †	ND †	ND †	ND †	ND †
Adipic Acid	Not Established	Odorless	<0.068	<0.11	<0.084	<0.096	<0.098	<0.11
Butyric Acid	2.54**	0.001	<0.000576	<0.00059	<0.000576	<0.000588	<0.000599	<0.000593
Dimethyl Disulfide	0.099**	0.007 – 0.012	<0.00027	<0.00027	<0.00028	<0.00028	<0.00028	<0.00030
Dimethylamine	0.179**	Not Established	<0.051	<0.051	<0.057	<0.059	<0.056	<0.055
Methanol	15.3***	4.26	<0.00699	<0.00699	<0.00748	<0.0647	<0.00734	0.0168
Pentanol	Not Established	0.12	<0.14	<0.13	<0.029	<0.14	<0.17	<0.15
Phenol	0.117**	0.04	<0.011	<0.011	<0.010	<0.011	<0.011	<0.010
Propene	5,003***	5,000 – 20,000	<0.0014	0.00184	<0.0015	<0.0129	<0.00147	<0.00142

***US EPA RfC - U.S. Environmental Protection Agency Reference Concentration**

An RfC is an estimate (with uncertainty spanning perhaps an order of magnitude) of a continuous inhalation exposure to the human population (including sensitive subgroups) that is likely to be without appreciable risk of harmful effects during a lifetime.

****ECHA DNEL - European Chemicals Agency Derived No-Effect Level**

A Derived No-Effect Level (DNEL) is a quantitative estimate of the level of chemical exposure below which no adverse health effects are expected for a specified population group (e.g., consumers or the general population). It is a key concept used in the EU REACH Regulation (Registration, Evaluation, Authorisation and Restriction of Chemicals) and is determined by the European Chemicals Agency (ECHA).

*****NOAEC - No-Observed-Adverse-Effect Concentration (NOAEC)**

NOAEC values are the highest concentration of a substance in a toxicological or epidemiological study at which no adverse effects are observed in the exposed population compared to an appropriate control group.

† **ND – Not Detected.** Because acetonitrile was not detected in any sample as a Tentatively Identified Compound (TIC), and TICs are not quantitated using calibration standards, no formal reporting limit applies. However, absence from the TIC report suggests that acetonitrile, if present, was below the laboratory’s spectral detection threshold. While the report does not include method detection limits (MDLs) for TICs, for reference, TO-15 methods typically yield MDLs for acetonitrile in the range of 0.0001–0.0005 ppmv depending on sampling volume, instrument sensitivity, and matrix interference.



Table 4A: Exposure Monitoring Results for Acetaldehyde (all units ppm)

Analyte	Sample Name	Location	8-hour TWA	"No Effect" Level	Odor Threshold
Acetaldehyde	A1-60436	1	<0.0037	0.005*	0.05
	A2-60435	2	<0.0035		
	A3-60434	3	<0.0039		
	A4-60433	4	<0.0043		
	A5-60432	5	<0.0044		
	A6-60431	6	<0.0049		

*US EPA RfC = U.S. Environmental Protection Agency Reference Concentration

Table 4B: Exposure Monitoring Results for Acetone (all units ppm)

Analyte	Sample Name	Location	8-hour TWA	"No Effect" Level	Odor Threshold
Acetone	VEN448	1	0.00692	Not Established	41 – 86
	000120	2	0.0104		
	00004	3	0.00586		
	001314	4	<0.0259		
	1283	5	0.0074		
	0337	6	0.00834		



Table 4C: Exposure Monitoring Results for Acetonitrile (all units ppm)

Analyte	Sample Name	Location	8-hour TWA	"No Effect" Level	Odor Threshold
Acetonitrile	VEN448	1	ND	0.036***	170
	000120	2	ND		
	00004	3	ND		
	001314	4	ND		
	1283	5	ND		
	0337	6	ND		

ND = Not Detected

***NOAEC = No-Observed-Adverse-Effect Concentration (NOAEC)

Table 4D: Exposure Monitoring Results for Adipic Acid (all units ppm)

Analyte	Sample Name	Location	8-hour TWA	"No Effect" Level	Odor Threshold
Adipic Acid	B1-0919	1	<0.068	Not Established	Odorless
	B2-0839	2	<0.11		
	B3-0949	3	<0.084		
	B4-0640	4	<0.096		
	B5-0989	5	<0.098		
	B6-1016	6	<0.11		



Table 4E: Exposure Monitoring Results for Butyric Acid (all units ppm)

Analyte	Sample Name	Location	8-hour TWA	"No Effect" Level	Odor Threshold
Butyric Acid	C1-0329	1	<0.000576	2.54**	0.001
	C2-0330	2	<0.00059		
	C3-0331	3	<0.000576		
	C4-0332	4	<0.000588		
	C5-0333	5	<0.000599		
	C6-0334	6	<0.000593		

**ECHA DNEL = European Chemicals Agency Derived No-Effect Level

Table 4F: Exposure Monitoring Results for Dimethyl Disulfide (all units ppm)

Analyte	Sample Name	Location	8-hour TWA	"No Effect" Level	Odor Threshold
Dimethyl Disulfide	D1-9769	1	<0.00027	0.099**	0.007 – 0.012
	D2-9831	2	<0.00027		
	D3-9900	3	<0.00028		
	D4-9522	4	<0.00028		
	D5-0020	5	<0.00028		
	D6-9588	6	<0.00030		

**ECHA DNEL = European Chemicals Agency Derived No-Effect Level



Table 4G: Exposure Monitoring Results for Dimethylamine (all units ppm)

Analyte	Sample Name	Location	8-hour TWA	"No Effect" Level	Odor Threshold
Dimethylamine	E1-3679	1	<0.051	0.179**	N/E
	E2-3670	2	<0.051		
	E3-3674	3	<0.057		
	E4-3671	4	<0.059		
	E5-4089	5	<0.056		
	E6-3672	6	<0.055		

**ECHA DNEL = European Chemicals Agency Derived No-Effect Level

Table 4H: Exposure Monitoring Results for Methanol (all units ppm)

Analyte	Sample Name	Location	8-hour TWA	"No Effect" Level	Odor Threshold
Methanol	VEN448	1	<0.00699	15.3***	4.26
	000120	2	<0.00699		
	00004	3	<0.00748		
	001314	4	<0.0647		
	1283	5	<0.00734		
	0337	6	0.0168		

***NOAEC = No-Observed-Adverse-Effect Concentration (NOAEC)



Table 4J: Exposure Monitoring Results for Pentanol (all units ppm)

Analyte	Sample Name	Location	8-hour TWA	"No Effect" Level	Odor Threshold
Pentanol	G1-0747	1	<0.14	Not Established	0.12
	G2-9745	2	<0.13		
	G3-0756	3	<0.029		
	G4-9851	4	<0.14		
	G5-0235	5	<0.17		
	G6-9748	6	<0.15		

Table 4K: Exposure Monitoring Results for Phenol (all units ppm)

Analyte	Sample Name	Location	8-hour TWA	"No Effect" Level	Odor Threshold
Phenol	H1-60436	1	<0.011	0.117**	0.04
	H2-60435	2	<0.011		
	H3-60434	3	<0.010		
	H4-60433	4	<0.011		
	H5-60432	5	<0.011		
	H6-60431	6	<0.010		

**ECHA DNEL = European Chemicals Agency Derived No-Effect Level



Table 4L: Exposure Monitoring Results for Propene (all units ppm)

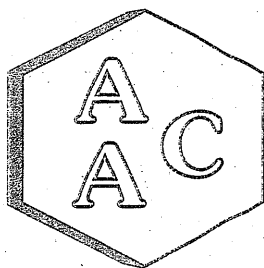
Analyte	Sample Name	Location	8-hour TWA	"No Effect" Level	Odor Threshold
Propene	VEN448	1	<0.0014	5,003***	5,000 – 20,000
	000120	2	0.00184		
	00004	3	<0.0015		
	001314	4	<0.0129		
	1283	5	<0.00147		
	0337	6	<0.00142		

***NOAEC = No-Observed-Adverse-Effect Concentration (NOAEC)



APPENDIX C

Laboratory Reports



Atmospheric Analysis & Consulting, Inc.

Client : RHP Risk Management
Client Project Name : MP-Air Sampling
AAC Project No. : 251602
Reporting Date : 07/07/2025

On June 26, 2025, Atmospheric Analysis & Consulting, Inc. received seven (7) silica gel tubes for Butyric Acid analysis via SM-5560M. Upon receipt the samples were assigned unique Laboratory ID numbers as follows:

Client Sample ID	AAC Sample ID
C1-0329	251602-77067
C2-0330	251602-77068
C3-0331	251602-77069
C4-0332	251602-77070
C5-0333	251602-77071
C6-0334	251602-77072
C7-0336	251602-77073

This analysis is performed in accordance with AAC's Quality Manual. Test results apply to sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aaclab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No other problems were encountered during the analysis of these samples.

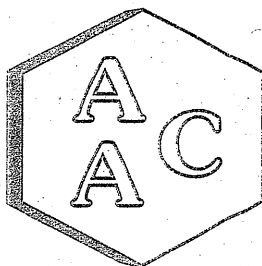
The Technical Director or his/her designee, as verified by the following signature, has authorized release of the data contained in this report.

If you have any questions or require further explanation of data results, please contact the undersigned.

Sucha Parmar, PhD
Technical Director

This report consists of 7 pages.





Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

Butyric Acid Analysis by SM-5560M

Client : RHP Risk Management
Client Project Name : MP-Air Sampling
AAC Project No. : 251602
Analyst : MB
Units : ppbV

Sampling Date : 06/23/2025
Receiving Date : 06/26/2025
Analysis Date : 07/02/2025
Reporting Date : 07/07/2025

Client Sample ID	AAC Sample ID	Extraction Volume (mL)	Sampled Air Volume (L)	Analysis DF	Butyric Acid (ppbV)	Bromofluorobenzene Surrogate Standard Recovery (%)*	Sample Reporting Limit (ppbV)
C1-0329	251602-77067	3.0	722.4	1	<SRL	85.9	0.576
C2-0330	251602-77068	3.0	705.7	1	<SRL	82.2	0.590
C3-0331	251602-77069	3.0	722.8	1	<SRL	83.6	0.576
C4-0332	251602-77070	3.0	707.4	1	<SRL	79.6	0.588
C5-0333	251602-77071	3.0	694.8	1	<SRL	76.4	0.599
C6-0334	251602-77072	3.0	702.3	1	<SRL	77.5	0.593
C7-0336	251602-77073	3.0	709.2	1	<SRL	76.7	0.587

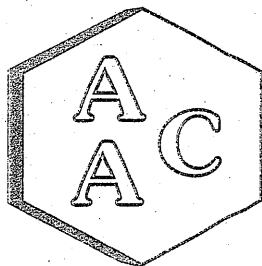
<SRL: Analyte was not detected at or above the SRL (Sample Reporting Limit)

*Acceptable recovery limits: 100±50%

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Atmospheric Analysis & Consulting, Inc.

Quality Control/Quality Assurance Report

SM-5560M

GC-FID Calibration Verification of the 06/30/2025 Calibration

Analysis Date : 07/02/2025

Instrument ID : GC-MS #05

Analyst : MB

Sample ID	Analyte	Target Concentration (ug/mL)	Measured Concentration (ug/mL)	Percent Recovery (%)*
Opening CV	Butyric Acid	10.0	12.8	128
	BFB (Surrogate Std)	10.0	9.92	99.2
Continuing CV	Butyric Acid	10.0	13.3	133
	BFB (Surrogate Std)	10.0	8.26	82.6
Closing CV	Butyric Acid	10.0	13.7	137
	BFB (Surrogate Std)	10.0	7.71	77.1

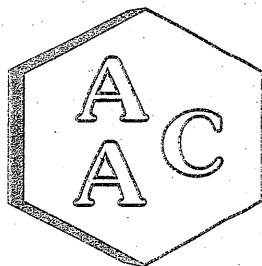
*Acceptable Recovery Range: 100±50%

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Atmospheric Analysis & Consulting, Inc.

Quality Control/Quality Assurance Report SM-5560M

Analysis Date : 07/02/2025

Analyst : MB

Instrument ID : GC-MS #05

Laboratory Control Spike Analysis

Analyte	Sample Concentration (ug/mL)	Target Spike Concentration (ug/mL)	Measured Spike Concentration (ug/mL)	Measured Spike Dup Concentration (ug/mL)	Spike Recovery (%)*	Spike Dup Recovery (%)*	%RPD**
Butyric Acid	0.000	5.00	6.58	6.63	132	133	0.8
BFB (Surrogate Std)	0.000	10.0	9.70	9.47	97.0	94.7	2.4

*Acceptable Recovery Range: 100±50%

**RPD: Relative Percent Difference - Acceptable Limit: <30%

Matrix Spike Analysis (251602-77068)

Analyte	Sample Concentration (ug/mL)	Target Spike Concentration (ug/mL)	Measured Spike Concentration (ug/mL)	Measured Spike Dup Concentration (ug/mL)	Spike Recovery (%)*	Spike Dup Recovery (%)*	%RPD**
Butyric Acid	0.000	5.00	6.77	6.77	135	135	0.0
BFB (Surrogate Std)	0.000	10.0	8.48	8.43	84.8	84.3	0.6

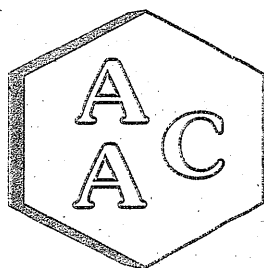
*Acceptable Recovery Range: 100±50%

**RPD: Relative Percent Difference - Acceptable Limit: <30%

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Atmospheric Analysis & Consulting, Inc.

Quality Control/Quality Assurance Report SM-5560M

Analysis Date : 07/02/2025
Analyst : MB

Instrument ID : GC-MS #05

Duplicate Analysis

Sample ID	Analyte	Sample Concentration (ug/mL)	Duplicate Concentration (ug/mL)	%RPD*
251602-77067	Butyric Acid	ND	ND	NA
	BFB (Surrogate Std)	8.59	8.39	2.4
251602-77069	Butyric Acid	ND	ND	NA
	BFB (Surrogate Std)	8.36	8.25	1.3

*Acceptable Limit: <30%

Method Blank Analysis

Analyte	Concentration (ug/mL)	Method Reporting Limit (ug/mL)	Recovery (%)*
Butyric Acid	<MRL	0.500	NA
BFB (Surrogate Std)	9.62	NA	96.2

*Acceptable Limit: <30%

MRL: Method Reporting Limit





RISK MANAGEMENT

Air Analysis Butyric Acid

Turn Around Time: Standard X 4 Days ____ 3 Days ____ 2 Days ____ Next ____ Same ____

Date Due: _____ Time Due: _____

Project Name: mp- Air Sampling

Project Number: MP RD

Project Location: ~~Mount~~ Mount Prospect, IL

Relinquished by:

Date/Time:

Received by:

Date/Time:

Relinquished by:

Date/Time:

Received by:

Date/Time:

Relinquished by:

Date/Time:

Received by:

Date/Time: 6/26/75 1039

Project Manager (PM): Rob NALDER

PM Email: rhodney@rhodysic.com

PM Phone: 630-608-0089

[illegible]

Notes:

Urs

19.3°C T_p



Air Analysis

Turn Around Time: Standard ☒ 4 Days ___ 3 Days ___ 2 Days ___ Next ___ Same ___
Date Due: _____ Time Due: _____

Project Name: MP-Air Sampling	Relinquished by: <i>[Signature]</i>	Date/Time: 6/25/25 1500
Project Number: MP-RH	Received by:	Date/Time:
Project Location: Mount Prospect	Relinquished by:	Date/Time:
	Received by:	Date/Time:
	Relinquished by:	Date/Time:
	Received by: <i>[Signature]</i>	Date/Time: 6/26/25 1250

Project Manager (PM): Rob NAEVE

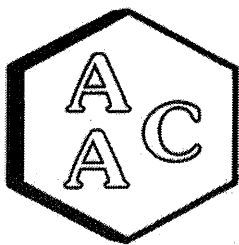
PM Email: chesley@ghorisk.com

PM Phone: ~~630-408-0088~~ 630-408-0088

[illegible]

Notes:

$$r = 2 \text{ box cars} + 6 \text{ Enkechs}$$



Atmospheric Analysis & Consulting, Inc.

CLIENT : RHP Risk Management
PROJECT NAME : MP-Air Sampling
PROJECT NO. : MP-Rit
AAC PROJECT NO. : 251602
REPORT DATE : 07/10/2025

On June 26, 2025, Atmospheric Analysis & Consulting, Inc. received six (6) Six-Liter Summa Canisters for Volatile Organic Compounds and Tentatively Identified Compounds (TICs) analysis by EPA Method TO-15. Upon receipt, the samples were assigned unique Laboratory ID numbers as follows:

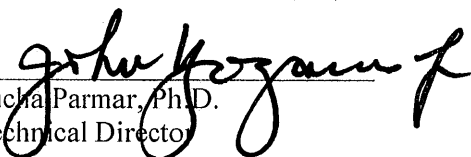
Client ID	Lab ID	Return Pressure (mmHga)
VEN448	251602-77061	738.7
000120	251602-77062	739.8
00004	251602-77063	687.2
001314	251602-77064	79.4
1283	251602-77065	715.1
0337	251602-77066	738.8

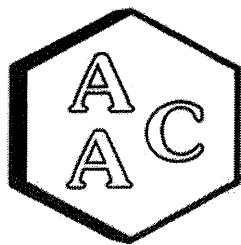
This analysis is accredited under the laboratory's ISO/IEC 17025:2017 accreditation issued by the ANSI National Accreditation Board. Refer to certificate and scope of accreditation AT-1908. Test results apply to the sample(s) as received. For detailed information pertaining to specific EPA, NCASI, ASTM and SCAQMD accreditations (Methods & Analytes), please visit our website at www.aacalab.com.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. No problems were encountered during receiving, preparation, and/or analysis of these samples.

The Technical Director or his designee, as verified by the following signature, has authorized release of the data contained in this hardcopy report.

If you have any questions or require further explanation of data results, please contact the undersigned.


Sucha Parmar, Ph.D.
Technical Director



Atmospheric Analysis & Consulting, Inc.

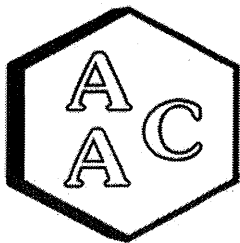
Laboratory Analysis Report

CLIENT : RHP Risk Management
PROJECT NO : 251602
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 06/26/2025
DATE REPORTED : 07/10/2025
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID	VEN448			Sample Reporting Limit (SRL) (MRLxDF's)	000120			Sample Reporting Limit (SRL) (MRLxDF's)	Method Reporting Limit (MRL)
AAC ID	251602-77061				251602-77062				
Date Sampled	06/23/2025				06/23/2025				
Date Analyzed	07/07/2025				07/07/2025				
Can Dilution Factor	1.40				1.40				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
Propene	<SRL	U	1	1.40	1.84		1	1.40	1.00
Dichlorodifluoromethane	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
Chloromethane	1.27		1	0.70	1.52		1	0.70	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
Vinyl Chloride	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
Methanol	<SRL	U	1	6.99	<SRL	U	1	6.99	5.00
1,3-Butadiene	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
Bromomethane	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
Chloroethane	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
Dichlorofluoromethane	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
Ethanol	5.41		1	2.79	3.69		1	2.80	2.00
Vinyl Bromide	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
Acetone	6.92		1	2.79	10.4		1	2.80	2.00
Trichlorofluoromethane	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
2-Propanol (IPA)	<SRL	U	1	2.79	<SRL	U	1	2.80	2.00
Acrylonitrile	<SRL	U	1	1.40	<SRL	U	1	1.40	1.00
1,1-Dichloroethene	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.40	<SRL	U	1	1.40	1.00
Allyl Chloride	<SRL	U	1	1.40	<SRL	U	1	1.40	1.00
Carbon Disulfide	<SRL	U	1	2.79	13.4		1	2.80	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
1,1-Dichloroethane	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
Vinyl Acetate	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
2-Butanone (MEK)	<SRL	U	1	1.40	2.73		1	1.40	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
Hexane	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
Chloroform	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
Ethyl Acetate	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
Tetrahydrofuran	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
1,2-Dichloroethane	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
Benzene	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50



Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

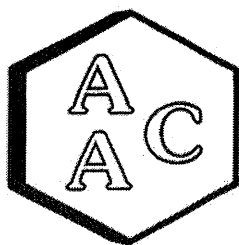
CLIENT : RHP Risk Management
PROJECT NO : 251602
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 06/26/2025
DATE REPORTED : 07/10/2025
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		VEN448		Sample Reporting Limit (SRL) (MRLxDF's)	000120			Sample Reporting Limit (SRL) (MRLxDF's)	Method Reporting Limit (MRL)
AAC ID		251602-77061			251602-77062				
Date Sampled		06/23/2025			06/23/2025				
Date Analyzed		07/07/2025			07/07/2025				
Can Dilution Factor		1.40			1.40				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
Cyclohexane	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
1,2-Dichloropropane	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
Bromodichloromethane	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
1,4-Dioxane	<SRL	U	1	1.40	<SRL	U	1	1.40	1.00
Trichloroethene (TCE)	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
Heptane	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
Toluene	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
2-Hexanone (MBK)	<SRL	U	1	1.40	<SRL	U	1	1.40	1.00
Dibromochloromethane	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
1,2-Dibromoethane	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
Chlorobenzene	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
Ethylbenzene	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
m & p-Xylene	<SRL	U	1	1.40	<SRL	U	1	1.40	1.00
Bromoform	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
Styrene	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
o-Xylene	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
4-Ethyltoluene	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
Hexachlorobutadiene	<SRL	U	1	0.70	<SRL	U	1	0.70	0.50
BFB-Surrogate Std. % Recovery		87%				87%			50-150%

U - Compound was not detected at or above the SRL.



Atmospheric Analysis & Consulting, Inc.

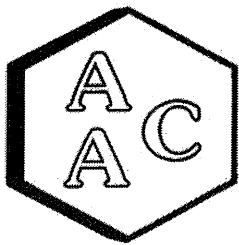
Laboratory Analysis Report

CLIENT : RHP Risk Management
PROJECT NO : 251602
MATRIX : AIR
UNITS : $\mu\text{g}/\text{m}^3$

DATE RECEIVED : 06/26/2025
DATE REPORTED : 07/10/2025
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID	VEN448			Sample Reporting Limit (SRL) (MRLxDF's)	000120			Sample Reporting Limit (SRL) (MRLxDF's)	Method Reporting Limit (MRL)
AAC ID	251602-77061				251602-77062				
Date Sampled	06/23/2025				06/23/2025				
Date Analyzed	07/07/2025				07/07/2025				
Can Dilution Factor	1.40				1.40				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	2.47	<SRL	U	1	2.47	1.8
Propene	<SRL	U	1	2.41	3.18		1	2.41	1.7
Dichlorodifluoromethane	<SRL	U	1	3.46	<SRL	U	1	3.46	2.5
Chloromethane	2.63		1	1.44	3.15		1	1.44	1.0
Dichlorotetrafluoroethane	<SRL	U	1	4.88	<SRL	U	1	4.89	3.5
Vinyl Chloride	<SRL	U	1	1.79	<SRL	U	1	1.79	1.3
Methanol	<SRL	U	1	9.16	<SRL	U	1	9.16	6.6
1,3-Butadiene	<SRL	U	1	1.55	<SRL	U	1	1.55	1.1
Bromomethane	<SRL	U	1	2.71	<SRL	U	1	2.71	1.9
Chloroethane	<SRL	U	1	1.84	<SRL	U	1	1.84	1.3
Dichlorofluoromethane	<SRL	U	1	2.94	<SRL	U	1	2.94	2.1
Ethanol	10.2		1	5.27	6.95		1	5.27	3.8
Vinyl Bromide	<SRL	U	1	3.06	<SRL	U	1	3.06	2.2
Acetone	16.4		1	6.64	24.8		1	6.64	4.8
Trichlorofluoromethane	<SRL	U	1	3.93	<SRL	U	1	3.93	2.8
2-Propanol (IPA)	<SRL	U	1	6.87	<SRL	U	1	6.87	4.9
Acrylonitrile	<SRL	U	1	3.03	<SRL	U	1	3.03	2.2
1,1-Dichloroethene	<SRL	U	1	2.77	<SRL	U	1	2.77	2.0
Methylene Chloride (DCM)	<SRL	U	1	4.85	<SRL	U	1	4.86	3.5
Allyl Chloride	<SRL	U	1	4.37	<SRL	U	1	4.37	3.1
Carbon Disulfide	<SRL	U	1	8.70	41.8		1	8.71	6.2
Trichlorotrifluoroethane	<SRL	U	1	5.36	<SRL	U	1	5.36	3.8
trans-1,2-Dichloroethene	<SRL	U	1	2.77	<SRL	U	1	2.77	2.0
1,1-Dichloroethane	<SRL	U	1	2.83	<SRL	U	1	2.83	2.0
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	2.52	<SRL	U	1	2.52	1.8
Vinyl Acetate	<SRL	U	1	2.46	<SRL	U	1	2.46	1.8
2-Butanone (MEK)	<SRL	U	1	4.12	8.04		1	4.12	2.9
cis-1,2-Dichloroethene	<SRL	U	1	2.77	<SRL	U	1	2.77	2.0
Hexane	<SRL	U	1	2.46	<SRL	U	1	2.46	1.8
Chloroform	<SRL	U	1	3.41	<SRL	U	1	3.41	2.4
Ethyl Acetate	<SRL	U	1	2.52	<SRL	U	1	2.52	1.8
Tetrahydrofuran	<SRL	U	1	2.06	<SRL	U	1	2.06	1.5
1,2-Dichloroethane	<SRL	U	1	2.83	<SRL	U	1	2.83	2.0
1,1,1-Trichloroethane	<SRL	U	1	3.81	<SRL	U	1	3.81	2.7
Benzene	<SRL	U	1	2.23	<SRL	U	1	2.23	1.6



Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

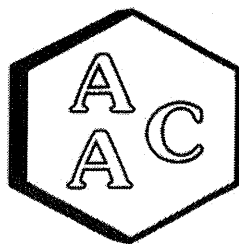
CLIENT : RHP Risk Management
PROJECT NO : 251602
MATRIX : AIR
UNITS : µg/m³

DATE RECEIVED : 06/26/2025
DATE REPORTED : 07/10/2025
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID	VEN448			Sample Reporting Limit (SRL) (MRLxDF's)	000120			Sample Reporting Limit (SRL) (MRLxDF's)	Method Reporting Limit (MRL)
AAC ID	251602-77061				251602-77062				
Date Sampled	06/23/2025				06/23/2025				
Date Analyzed	07/07/2025				07/07/2025				
Can Dilution Factor	1.40				1.40				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	4.40	<SRL	U	1	4.40	3.1
Cyclohexane	<SRL	U	1	2.41	<SRL	U	1	2.41	1.7
1,2-Dichloropropane	<SRL	U	1	3.23	<SRL	U	1	3.23	2.3
Bromodichloromethane	<SRL	U	1	4.68	<SRL	U	1	4.68	3.4
1,4-Dioxane	<SRL	U	1	5.04	<SRL	U	1	5.04	3.6
Trichloroethene (TCE)	<SRL	U	1	3.75	<SRL	U	1	3.76	2.7
2,2,4-Trimethylpentane	<SRL	U	1	3.26	<SRL	U	1	3.26	2.3
Heptane	<SRL	U	1	2.86	<SRL	U	1	2.86	2.0
cis-1,3-Dichloropropene	<SRL	U	1	3.17	<SRL	U	1	3.17	2.3
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	2.86	<SRL	U	1	2.86	2.0
trans-1,3-Dichloropropene	<SRL	U	1	3.17	<SRL	U	1	3.17	2.3
1,1,2-Trichloroethane	<SRL	U	1	3.81	<SRL	U	1	3.81	2.7
Toluene	<SRL	U	1	2.63	<SRL	U	1	2.63	1.9
2-Hexanone (MBK)	<SRL	U	1	5.72	<SRL	U	1	5.73	4.1
Dibromochloromethane	<SRL	U	1	5.95	<SRL	U	1	5.95	4.3
1,2-Dibromoethane	<SRL	U	1	5.37	<SRL	U	1	5.37	3.8
Tetrachloroethene (PCE)	<SRL	U	1	4.74	<SRL	U	1	4.74	3.4
Chlorobenzene	<SRL	U	1	3.22	<SRL	U	1	3.22	2.3
Ethylbenzene	<SRL	U	1	3.03	<SRL	U	1	3.03	2.2
m & p-Xylene	<SRL	U	1	6.07	<SRL	U	1	6.07	4.3
Bromoform	<SRL	U	1	7.22	<SRL	U	1	7.22	5.2
Styrene	<SRL	U	1	2.98	<SRL	U	1	2.98	2.1
1,1,2,2-Tetrachloroethane	<SRL	U	1	4.80	<SRL	U	1	4.80	3.4
o-Xylene	<SRL	U	1	3.03	<SRL	U	1	3.03	2.2
4-Ethyltoluene	<SRL	U	1	3.44	<SRL	U	1	3.44	2.5
1,3,5-Trimethylbenzene	<SRL	U	1	3.43	<SRL	U	1	3.44	2.5
1,2,4-Trimethylbenzene	<SRL	U	1	3.43	<SRL	U	1	3.44	2.5
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	3.62	<SRL	U	1	3.62	2.6
1,3-Dichlorobenzene	<SRL	U	1	4.20	<SRL	U	1	4.20	3.0
1,4-Dichlorobenzene	<SRL	U	1	4.20	<SRL	U	1	4.20	3.0
1,2-Dichlorobenzene	<SRL	U	1	4.20	<SRL	U	1	4.20	3.0
1,2,4-Trichlorobenzene	<SRL	U	1	5.19	<SRL	U	1	5.19	3.7
Hexachlorobutadiene	<SRL	U	1	7.45	<SRL	U	1	7.45	5.3
BFB-Surrogate Std. % Recovery		87%				87%			50-150%

U - Compound was not detected at or above the SRL.



Atmospheric Analysis & Consulting, Inc.

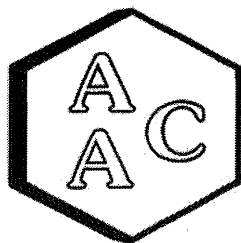
Laboratory Analysis Report

CLIENT : RHP Risk Management
PROJECT NO : 251602
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 06/26/2025
DATE REPORTED : 07/10/2025
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		00004			Sample Reporting Limit (SRL) (MRLxDF's)	001314			Sample Reporting Limit (SRL) (MRLxDF's)	Method Reporting Limit (MRL)
AAC ID		251602-77063				251602-77064				
Date Sampled		06/23/2025				06/23/2025				
Date Analyzed		07/07/2025				07/08/2025				
Can Dilution Factor		1.50				12.95				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF			
Chlorodifluoromethane	<SRL	U	1	0.75	<SRL	U	1	6.47	0.50	
Propene	<SRL	U	1	1.50	<SRL	U	1	12.9	1.00	
Dichlorodifluoromethane	<SRL	U	1	0.75	<SRL	U	1	6.47	0.50	
Chloromethane	1.11		1	0.75	<SRL	U	1	6.47	0.50	
Dichlorotetrafluoroethane	<SRL	U	1	0.75	<SRL	U	1	6.47	0.50	
Vinyl Chloride	<SRL	U	1	0.75	<SRL	U	1	6.47	0.50	
Methanol	<SRL	U	1	7.48	<SRL	U	1	64.7	5.00	
1,3-Butadiene	<SRL	U	1	0.75	<SRL	U	1	6.47	0.50	
Bromomethane	<SRL	U	1	0.75	<SRL	U	1	6.47	0.50	
Chloroethane	<SRL	U	1	0.75	<SRL	U	1	6.47	0.50	
Dichlorofluoromethane	<SRL	U	1	0.75	<SRL	U	1	6.47	0.50	
Ethanol	4.95		1	2.99	<SRL	U	1	25.9	2.00	
Vinyl Bromide	<SRL	U	1	0.75	<SRL	U	1	6.47	0.50	
Acetone	5.86		1	2.99	<SRL	U	1	25.9	2.00	
Trichlorofluoromethane	<SRL	U	1	0.75	<SRL	U	1	6.47	0.50	
2-Propanol (IPA)	<SRL	U	1	2.99	<SRL	U	1	25.9	2.00	
Acrylonitrile	<SRL	U	1	1.50	<SRL	U	1	12.9	1.00	
1,1-Dichloroethene	<SRL	U	1	0.75	<SRL	U	1	6.47	0.50	
Methylene Chloride (DCM)	<SRL	U	1	1.50	<SRL	U	1	12.9	1.00	
Allyl Chloride	<SRL	U	1	1.50	<SRL	U	1	12.9	1.00	
Carbon Disulfide	<SRL	U	1	2.99	<SRL	U	1	25.9	2.00	
Trichlorotrifluoroethane	<SRL	U	1	0.75	<SRL	U	1	6.47	0.50	
trans-1,2-Dichloroethene	<SRL	U	1	0.75	<SRL	U	1	6.47	0.50	
1,1-Dichloroethane	<SRL	U	1	0.75	<SRL	U	1	6.47	0.50	
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.75	<SRL	U	1	6.47	0.50	
Vinyl Acetate	<SRL	U	1	0.75	<SRL	U	1	6.47	0.50	
2-Butanone (MEK)	<SRL	U	1	1.50	<SRL	U	1	12.9	1.00	
cis-1,2-Dichloroethene	<SRL	U	1	0.75	<SRL	U	1	6.47	0.50	
Hexane	<SRL	U	1	0.75	<SRL	U	1	6.47	0.50	
Chloroform	<SRL	U	1	0.75	<SRL	U	1	6.47	0.50	
Ethyl Acetate	<SRL	U	1	0.75	<SRL	U	1	6.47	0.50	
Tetrahydrofuran	<SRL	U	1	0.75	<SRL	U	1	6.47	0.50	
1,2-Dichloroethane	<SRL	U	1	0.75	<SRL	U	1	6.47	0.50	
1,1,1-Trichloroethane	<SRL	U	1	0.75	<SRL	U	1	6.47	0.50	
Benzene	<SRL	U	1	0.75	<SRL	U	1	6.47	0.50	



Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

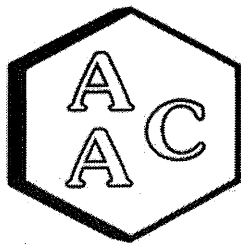
CLIENT : RHP Risk Management
PROJECT NO : 251602
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 06/26/2025
DATE REPORTED : 07/10/2025
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID	00004			Sample Reporting Limit (SRL) (MRLxDf's)	001314			Sample Reporting Limit (SRL) (MRLxDf's)	Method Reporting Limit (MRL)
AAC ID	251602-77063				251602-77064				
Date Sampled	06/23/2025				06/23/2025				
Date Analyzed	07/07/2025				07/08/2025				
Can Dilution Factor	1.50				12.95				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.75	<SRL	U	1	6.47	0.50
Cyclohexane	<SRL	U	1	0.75	<SRL	U	1	6.47	0.50
1,2-Dichloropropane	<SRL	U	1	0.75	<SRL	U	1	6.47	0.50
Bromodichloromethane	<SRL	U	1	0.75	<SRL	U	1	6.47	0.50
1,4-Dioxane	<SRL	U	1	1.50	<SRL	U	1	12.9	1.00
Trichloroethene (TCE)	<SRL	U	1	0.75	<SRL	U	1	6.47	0.50
2,2,4-Trimethylpentane	<SRL	U	1	0.75	<SRL	U	1	6.47	0.50
Heptane	<SRL	U	1	0.75	<SRL	U	1	6.47	0.50
cis-1,3-Dichloropropene	<SRL	U	1	0.75	<SRL	U	1	6.47	0.50
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.75	<SRL	U	1	6.47	0.50
trans-1,3-Dichloropropene	<SRL	U	1	0.75	<SRL	U	1	6.47	0.50
1,1,2-Trichloroethane	<SRL	U	1	0.75	<SRL	U	1	6.47	0.50
Toluene	<SRL	U	1	0.75	<SRL	U	1	6.47	0.50
2-Hexanone (MBK)	<SRL	U	1	1.50	<SRL	U	1	12.9	1.00
Dibromochloromethane	<SRL	U	1	0.75	<SRL	U	1	6.47	0.50
1,2-Dibromoethane	<SRL	U	1	0.75	<SRL	U	1	6.47	0.50
Tetrachloroethene (PCE)	<SRL	U	1	0.75	<SRL	U	1	6.47	0.50
Chlorobenzene	<SRL	U	1	0.75	<SRL	U	1	6.47	0.50
Ethylbenzene	<SRL	U	1	0.75	<SRL	U	1	6.47	0.50
m & p-Xylene	<SRL	U	1	1.50	<SRL	U	1	12.9	1.00
Bromoform	<SRL	U	1	0.75	<SRL	U	1	6.47	0.50
Styrene	<SRL	U	1	0.75	<SRL	U	1	6.47	0.50
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.75	<SRL	U	1	6.47	0.50
o-Xylene	<SRL	U	1	0.75	<SRL	U	1	6.47	0.50
4-Ethyltoluene	<SRL	U	1	0.75	<SRL	U	1	6.47	0.50
1,3,5-Trimethylbenzene	<SRL	U	1	0.75	<SRL	U	1	6.47	0.50
1,2,4-Trimethylbenzene	<SRL	U	1	0.75	<SRL	U	1	6.47	0.50
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.75	<SRL	U	1	6.47	0.50
1,3-Dichlorobenzene	<SRL	U	1	0.75	<SRL	U	1	6.47	0.50
1,4-Dichlorobenzene	<SRL	U	1	0.75	<SRL	U	1	6.47	0.50
1,2-Dichlorobenzene	<SRL	U	1	0.75	<SRL	U	1	6.47	0.50
1,2,4-Trichlorobenzene	<SRL	U	1	0.75	<SRL	U	1	6.47	0.50
Hexachlorobutadiene	<SRL	U	1	0.75	<SRL	U	1	6.47	0.50
BFB-Surrogate Std. % Recovery		86%			83%				50-150%

U - Compound was not detected at or above the SRL.



Atmospheric Analysis & Consulting, Inc.

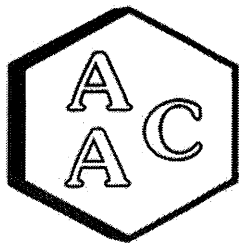
Laboratory Analysis Report

CLIENT : RHP Risk Management
PROJECT NO : 251602
MATRIX : AIR
UNITS : µg/m³

DATE RECEIVED : 06/26/2025
DATE REPORTED : 07/10/2025
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		00004		Sample Reporting Limit (SRL) (MRLxDF's)	001314			Sample Reporting Limit (SRL) (MRLxDF's)	Method Reporting Limit (MRL)
AAC ID		251602-77063			251602-77064				
Date Sampled		06/23/2025			06/23/2025				
Date Analyzed		07/07/2025			07/08/2025				
Can Dilution Factor		1.50			12.95				
Compound	Result	Qualifier	Analysis DF	Result	Qualifier	Analysis DF			
Chlorodifluoromethane	<SRL	U	1	2.65	<SRL	U	1	22.9	1.8
Propene	<SRL	U	1	2.57	<SRL	U	1	22.3	1.7
Dichlorodifluoromethane	<SRL	U	1	3.70	<SRL	U	1	32.0	2.5
Chloromethane	2.29		1	1.54	<SRL	U	1	13.4	1.0
Dichlorotetrafluoroethane	<SRL	U	1	5.23	<SRL	U	1	45.2	3.5
Vinyl Chloride	<SRL	U	1	1.91	<SRL	U	1	16.5	1.3
Methanol	<SRL	U	1	9.80	<SRL	U	1	84.8	6.6
1,3-Butadiene	<SRL	U	1	1.65	<SRL	U	1	14.3	1.1
Bromomethane	<SRL	U	1	2.90	<SRL	U	1	25.1	1.9
Chloroethane	<SRL	U	1	1.97	<SRL	U	1	17.1	1.3
Dichlorofluoromethane	<SRL	U	1	3.15	<SRL	U	1	27.2	2.1
Ethanol	9.33		1	5.64	<SRL	U	1	48.8	3.8
Vinyl Bromide	<SRL	U	1	3.27	<SRL	U	1	28.3	2.2
Acetone	13.9		1	7.11	<SRL	U	1	61.5	4.8
Trichlorofluoromethane	<SRL	U	1	4.20	<SRL	U	1	36.4	2.8
2-Propanol (IPA)	<SRL	U	1	7.35	<SRL	U	1	63.6	4.9
Acrylonitrile	<SRL	U	1	3.25	<SRL	U	1	28.1	2.2
1,1-Dichloroethene	<SRL	U	1	2.97	<SRL	U	1	25.7	2.0
Methylene Chloride (DCM)	<SRL	U	1	5.20	<SRL	U	1	45.0	3.5
Allyl Chloride	<SRL	U	1	4.68	<SRL	U	1	40.5	3.1
Carbon Disulfide	<SRL	U	1	9.32	<SRL	U	1	80.6	6.2
Trichlorotrifluoroethane	<SRL	U	1	5.73	<SRL	U	1	49.6	3.8
trans-1,2-Dichloroethene	<SRL	U	1	2.97	<SRL	U	1	25.7	2.0
1,1-Dichloroethane	<SRL	U	1	3.03	<SRL	U	1	26.2	2.0
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	2.70	<SRL	U	1	23.3	1.8
Vinyl Acetate	<SRL	U	1	2.63	<SRL	U	1	22.8	1.8
2-Butanone (MEK)	<SRL	U	1	4.41	<SRL	U	1	38.2	2.9
cis-1,2-Dichloroethene	<SRL	U	1	2.97	<SRL	U	1	25.7	2.0
Hexane	<SRL	U	1	2.64	<SRL	U	1	22.8	1.8
Chloroform	<SRL	U	1	3.65	<SRL	U	1	31.6	2.4
Ethyl Acetate	<SRL	U	1	2.70	<SRL	U	1	23.3	1.8
Tetrahydrofuran	<SRL	U	1	2.21	<SRL	U	1	19.1	1.5
1,2-Dichloroethane	<SRL	U	1	3.03	<SRL	U	1	26.2	2.0
1,1,1-Trichloroethane	<SRL	U	1	4.08	<SRL	U	1	35.3	2.7
Benzene	<SRL	U	1	2.39	<SRL	U	1	20.7	1.6



Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

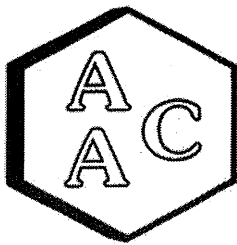
CLIENT : RHP Risk Management
PROJECT NO : 251602
MATRIX : AIR
UNITS : µg/m³

DATE RECEIVED : 06/26/2025
DATE REPORTED : 07/10/2025
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		00004		Sample Reporting Limit (SRL) (MRLxDF's)	001314			Sample Reporting Limit (SRL) (MRLxDF's)	Method Reporting Limit (MRL)
AAC ID		251602-77063			251602-77064				
Date Sampled		06/23/2025			06/23/2025				
Date Analyzed		07/07/2025			07/08/2025				
Can Dilution Factor		1.50			12.95				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	4.71	<SRL	U	1	40.7	3.1
Cyclohexane	<SRL	U	1	2.57	<SRL	U	1	22.3	1.7
1,2-Dichloropropane	<SRL	U	1	3.46	<SRL	U	1	29.9	2.3
Bromodichloromethane	<SRL	U	1	5.01	<SRL	U	1	43.4	3.4
1,4-Dioxane	<SRL	U	1	5.39	<SRL	U	1	46.7	3.6
Trichloroethene (TCE)	<SRL	U	1	4.02	<SRL	U	1	34.8	2.7
2,2,4-Trimethylpentane	<SRL	U	1	3.49	<SRL	U	1	30.2	2.3
Heptane	<SRL	U	1	3.07	<SRL	U	1	26.5	2.0
cis-1,3-Dichloropropene	<SRL	U	1	3.39	<SRL	U	1	29.4	2.3
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	3.06	<SRL	U	1	26.5	2.0
trans-1,3-Dichloropropene	<SRL	U	1	3.39	<SRL	U	1	29.4	2.3
1,1,2-Trichloroethane	<SRL	U	1	4.08	<SRL	U	1	35.3	2.7
Toluene	<SRL	U	1	2.82	<SRL	U	1	24.4	1.9
2-Hexanone (MBK)	<SRL	U	1	6.13	<SRL	U	1	53.0	4.1
Dibromochloromethane	<SRL	U	1	6.37	<SRL	U	1	55.1	4.3
1,2-Dibromoethane	<SRL	U	1	5.75	<SRL	U	1	49.7	3.8
Tetrachloroethene (PCE)	<SRL	U	1	5.07	<SRL	U	1	43.9	3.4
Chlorobenzene	<SRL	U	1	3.44	<SRL	U	1	29.8	2.3
Ethylbenzene	<SRL	U	1	3.25	<SRL	U	1	28.1	2.2
m & p-Xylene	<SRL	U	1	6.50	<SRL	U	1	56.2	4.3
Bromoform	<SRL	U	1	7.73	<SRL	U	1	66.9	5.2
Styrene	<SRL	U	1	3.19	<SRL	U	1	27.6	2.1
1,1,2,2-Tetrachloroethane	<SRL	U	1	5.13	<SRL	U	1	44.4	3.4
o-Xylene	<SRL	U	1	3.25	<SRL	U	1	28.1	2.2
4-Ethyltoluene	<SRL	U	1	3.68	<SRL	U	1	31.8	2.5
1,3,5-Trimethylbenzene	<SRL	U	1	3.68	<SRL	U	1	31.8	2.5
1,2,4-Trimethylbenzene	<SRL	U	1	3.68	<SRL	U	1	31.8	2.5
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	3.87	<SRL	U	1	33.5	2.6
1,3-Dichlorobenzene	<SRL	U	1	4.50	<SRL	U	1	38.9	3.0
1,4-Dichlorobenzene	<SRL	U	1	4.50	<SRL	U	1	38.9	3.0
1,2-Dichlorobenzene	<SRL	U	1	4.50	<SRL	U	1	38.9	3.0
1,2,4-Trichlorobenzene	<SRL	U	1	5.55	<SRL	U	1	48.0	3.7
Hexachlorobutadiene	<SRL	U	1	7.98	<SRL	U	1	69.0	5.3
BFB-Surrogate Std. % Recovery		86%			83%		50-150%		

U - Compound was not detected at or above the SRL.



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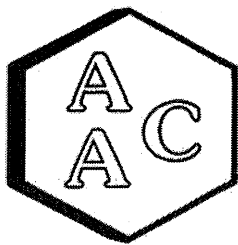
Laboratory Analysis Report

CLIENT : RHP Risk Management
PROJECT NO : 251602
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 06/26/2025
DATE REPORTED : 07/10/2025
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID	1283			Sample Reporting Limit (SRL) (MRLxDF's)	0337			Sample Reporting Limit (SRL) (MRLxDF's)	Method Reporting Limit (MRL)
AAC ID	251602-77065				251602-77066				
Date Sampled	06/23/2025				06/23/2025				
Date Analyzed	07/08/2025				07/08/2025				
Can Dilution Factor	1.47				1.42				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Chlorodifluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Propene	<SRL	U	1	1.47	<SRL	U	1	1.42	1.00
Dichlorodifluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Chloromethane	1.53		1	0.73	2.09		1	0.71	0.50
Dichlorotetrafluoroethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Vinyl Chloride	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Methanol	<SRL	U	1	7.34	16.8		1	7.10	5.00
1,3-Butadiene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Bromomethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Chloroethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Dichlorofluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Ethanol	4.67		1	2.94	3.54		1	2.84	2.00
Vinyl Bromide	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Acetone	7.40		1	2.94	8.34		1	2.84	2.00
Trichlorofluoromethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
2-Propanol (IPA)	<SRL	U	1	2.94	<SRL	U	1	2.84	2.00
Acrylonitrile	<SRL	U	1	1.47	<SRL	U	1	1.42	1.00
1,1-Dichloroethene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Methylene Chloride (DCM)	<SRL	U	1	1.47	<SRL	U	1	1.42	1.00
Allyl Chloride	<SRL	U	1	1.47	<SRL	U	1	1.42	1.00
Carbon Disulfide	5.37		1	2.94	<SRL	U	1	2.84	2.00
Trichlorotrifluoroethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
trans-1,2-Dichloroethene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
1,1-Dichloroethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Vinyl Acetate	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
2-Butanone (MEK)	<SRL	U	1	1.47	<SRL	U	1	1.42	1.00
cis-1,2-Dichloroethene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Hexane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Chloroform	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Ethyl Acetate	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Tetrahydrofuran	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
1,2-Dichloroethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
1,1,1-Trichloroethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50
Benzene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50



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Laboratory Analysis Report

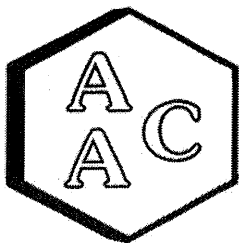
CLIENT : RHP Risk Management
PROJECT NO : 251602
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 06/26/2025
DATE REPORTED : 07/10/2025
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		1283			Sample Reporting Limit (SRL) (MRLxDF's)	0337			Sample Reporting Limit (SRL) (MRLxDF's)	Method Reporting Limit (MRL)
AAC ID		251602-77065				251602-77066				
Date Sampled		06/23/2025				06/23/2025				
Date Analyzed		07/08/2025				07/08/2025				
Can Dilution Factor		1.47				1.42				
Compound	Result	Qualifier	Analysis DF			Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50	
Cyclohexane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50	
1,2-Dichloropropane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50	
Bromodichloromethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50	
1,4-Dioxane	<SRL	U	1	1.47	<SRL	U	1	1.42	1.00	
Trichloroethene (TCE)	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50	
2,2,4-Trimethylpentane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50	
Heptane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50	
cis-1,3-Dichloropropene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50	
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50	
trans-1,3-Dichloropropene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50	
1,1,2-Trichloroethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50	
Toluene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50	
2-Hexanone (MBK)	<SRL	U	1	1.47	<SRL	U	1	1.42	1.00	
Dibromochloromethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50	
1,2-Dibromoethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50	
Tetrachloroethene (PCE)	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50	
Chlorobenzene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50	
Ethylbenzene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50	
m & p-Xylene	<SRL	U	1	1.47	<SRL	U	1	1.42	1.00	
Bromoform	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50	
Styrene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50	
1,1,2,2-Tetrachloroethane	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50	
o-Xylene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50	
4-Ethyltoluene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50	
1,3,5-Trimethylbenzene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50	
1,2,4-Trimethylbenzene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50	
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50	
1,3-Dichlorobenzene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50	
1,4-Dichlorobenzene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50	
1,2-Dichlorobenzene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50	
1,2,4-Trichlorobenzene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50	
Hexachlorobutadiene	<SRL	U	1	0.73	<SRL	U	1	0.71	0.50	
BFB-Surrogate Std. % Recovery		84%				84%			50-150%	

U - Compound was not detected at or above the SRL.



Atmospheric Analysis & Consulting, Inc.

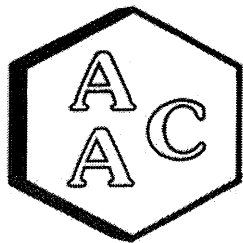
Laboratory Analysis Report

CLIENT : RHP Risk Management
PROJECT NO : 251602
MATRIX : AIR
UNITS : $\mu\text{g}/\text{m}^3$

DATE RECEIVED : 06/26/2025
DATE REPORTED : 07/10/2025
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		1283			Sample Reporting Limit (SRL)	0337			Sample Reporting Limit (SRL)	Method Reporting Limit (MRL)
AAC ID		251602-77065				251602-77066				
Date Sampled		06/23/2025				06/23/2025				
Date Analyzed		07/08/2025				07/08/2025				
Can Dilution Factor		1.47				1.42				
Compound	Result	Qualifier	Analysis DF	(MRLxDF's)	Result	Qualifier	Analysis DF	(MRLxDF's)		
Chlorodifluoromethane	<SRL	U	1	2.60	<SRL	U	1	2.51	1.8	
Propene	<SRL	U	1	2.53	<SRL	U	1	2.44	1.7	
Dichlorodifluoromethane	<SRL	U	1	3.63	<SRL	U	1	3.51	2.5	
Chloromethane	3.15		1	1.52	4.31		1	1.47	1.0	
Dichlorotetrafluoroethane	<SRL	U	1	5.13	<SRL	U	1	4.96	3.5	
Vinyl Chloride	<SRL	U	1	1.88	<SRL	U	1	1.82	1.3	
Methanol	<SRL	U	1	9.62	22.0		1	9.31	6.6	
1,3-Butadiene	<SRL	U	1	1.62	<SRL	U	1	1.57	1.1	
Bromomethane	<SRL	U	1	2.85	<SRL	U	1	2.76	1.9	
Chloroethane	<SRL	U	1	1.94	<SRL	U	1	1.87	1.3	
Dichlorofluoromethane	<SRL	U	1	3.09	<SRL	U	1	2.99	2.1	
Ethanol	8.80		1	5.53	6.66		1	5.35	3.8	
Vinyl Bromide	<SRL	U	1	3.21	<SRL	U	1	3.11	2.2	
Acetone	17.6		1	6.98	19.8		1	6.75	4.8	
Trichlorofluoromethane	<SRL	U	1	4.13	<SRL	U	1	3.99	2.8	
2-Propanol (IPA)	<SRL	U	1	7.22	<SRL	U	1	6.98	4.9	
Acrylonitrile	<SRL	U	1	3.19	<SRL	U	1	3.08	2.2	
1,1-Dichloroethene	<SRL	U	1	2.91	<SRL	U	1	2.82	2.0	
Methylene Chloride (DCM)	<SRL	U	1	5.10	<SRL	U	1	4.93	3.5	
Allyl Chloride	<SRL	U	1	4.60	<SRL	U	1	4.45	3.1	
Carbon Disulfide	16.7		1	9.15	<SRL	U	1	8.85	6.2	
Trichlorotrifluoroethane	<SRL	U	1	5.63	<SRL	U	1	5.44	3.8	
trans-1,2-Dichloroethene	<SRL	U	1	2.91	<SRL	U	1	2.82	2.0	
1,1-Dichloroethane	<SRL	U	1	2.97	<SRL	U	1	2.87	2.0	
Methyl Tert Butyl Ether (MTBE)	<SRL	U	1	2.65	<SRL	U	1	2.56	1.8	
Vinyl Acetate	<SRL	U	1	2.59	<SRL	U	1	2.50	1.8	
2-Butanone (MEK)	<SRL	U	1	4.33	<SRL	U	1	4.19	2.9	
cis-1,2-Dichloroethene	<SRL	U	1	2.91	<SRL	U	1	2.82	2.0	
Hexane	<SRL	U	1	2.59	<SRL	U	1	2.50	1.8	
Chloroform	<SRL	U	1	3.58	<SRL	U	1	3.47	2.4	
Ethyl Acetate	<SRL	U	1	2.65	<SRL	U	1	2.56	1.8	
Tetrahydrofuran	<SRL	U	1	2.17	<SRL	U	1	2.09	1.5	
1,2-Dichloroethane	<SRL	U	1	2.97	<SRL	U	1	2.87	2.0	
1,1,1-Trichloroethane	<SRL	U	1	4.01	<SRL	U	1	3.87	2.7	
Benzene	<SRL	U	1	2.35	<SRL	U	1	2.27	1.6	



Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

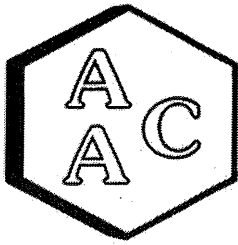
CLIENT : RHP Risk Management
PROJECT NO : 251602
MATRIX : AIR
UNITS : µg/m³

DATE RECEIVED : 06/26/2025
DATE REPORTED : 07/10/2025
ANALYST : DL/CH

VOLATILE ORGANIC COMPOUNDS BY EPA TO-15

Client ID		1283		Sample Reporting Limit (SRL) (MRLxDF's)	0337			Sample Reporting Limit (SRL) (MRLxDF's)	Method Reporting Limit (MRL)
AAC ID		251602-77065			251602-77066				
Date Sampled		06/23/2025			06/23/2025				
Date Analyzed		07/08/2025			07/08/2025				
Can Dilution Factor		1.47			1.42				
Compound	Result	Qualifier	Analysis DF		Result	Qualifier	Analysis DF		
Carbon Tetrachloride	<SRL	U	1	4.62	<SRL	U	1	4.47	3.1
Cyclohexane	<SRL	U	1	2.53	<SRL	U	1	2.44	1.7
1,2-Dichloropropane	<SRL	U	1	3.39	<SRL	U	1	3.28	2.3
Bromodichloromethane	<SRL	U	1	4.92	<SRL	U	1	4.76	3.4
1,4-Dioxane	<SRL	U	1	5.29	<SRL	U	1	5.12	3.6
Trichloroethene (TCE)	<SRL	U	1	3.95	<SRL	U	1	3.82	2.7
2,2,4-Trimethylpentane	<SRL	U	1	3.43	<SRL	U	1	3.32	2.3
Heptane	<SRL	U	1	3.01	<SRL	U	1	2.91	2.0
cis-1,3-Dichloropropene	<SRL	U	1	3.33	<SRL	U	1	3.22	2.3
4-Methyl-2-pentanone (MiBK)	<SRL	U	1	3.01	<SRL	U	1	2.91	2.0
trans-1,3-Dichloropropene	<SRL	U	1	3.33	<SRL	U	1	3.22	2.3
1,1,2-Trichloroethane	<SRL	U	1	4.01	<SRL	U	1	3.87	2.7
Toluene	<SRL	U	1	2.77	<SRL	U	1	2.68	1.9
2-Hexanone (MBK)	<SRL	U	1	6.02	<SRL	U	1	5.82	4.1
Dibromochloromethane	<SRL	U	1	6.25	<SRL	U	1	6.05	4.3
1,2-Dibromoethane	<SRL	U	1	5.64	<SRL	U	1	5.46	3.8
Tetrachloroethene (PCE)	<SRL	U	1	4.98	<SRL	U	1	4.82	3.4
Chlorobenzene	<SRL	U	1	3.38	<SRL	U	1	3.27	2.3
Ethylbenzene	<SRL	U	1	3.19	<SRL	U	1	3.08	2.2
m & p-Xylene	<SRL	U	1	6.38	<SRL	U	1	6.17	4.3
Bromoform	<SRL	U	1	7.59	<SRL	U	1	7.34	5.2
Styrene	<SRL	U	1	3.13	<SRL	U	1	3.02	2.1
1,1,2,2-Tetrachloroethane	<SRL	U	1	5.04	<SRL	U	1	4.88	3.4
o-Xylene	<SRL	U	1	3.19	<SRL	U	1	3.08	2.2
4-Ethyltoluene	<SRL	U	1	3.61	<SRL	U	1	3.49	2.5
1,3,5-Trimethylbenzene	<SRL	U	1	3.61	<SRL	U	1	3.49	2.5
1,2,4-Trimethylbenzene	<SRL	U	1	3.61	<SRL	U	1	3.49	2.5
Benzyl Chloride (a-Chlorotoluene)	<SRL	U	1	3.80	<SRL	U	1	3.68	2.6
1,3-Dichlorobenzene	<SRL	U	1	4.41	<SRL	U	1	4.27	3.0
1,4-Dichlorobenzene	<SRL	U	1	4.41	<SRL	U	1	4.27	3.0
1,2-Dichlorobenzene	<SRL	U	1	4.41	<SRL	U	1	4.27	3.0
1,2,4-Trichlorobenzene	<SRL	U	1	5.45	<SRL	U	1	5.27	3.7
Hexachlorobutadiene	<SRL	U	1	7.83	<SRL	U	1	7.57	5.3
BFB-Surrogate Std. % Recovery		84%			84%				50-150%

U - Compound was not detected at or above the SRL.



Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

CLIENT : RHP Risk Management
PROJECT NO : 251602
MATRIX : AIR
UNITS : PPB (v/v)

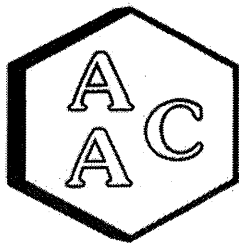
DATE RECEIVED : 06/26/2025
DATE REPORTED : 07/10/2025
ANALYST : DL/CH

TENTATIVELY IDENTIFIED COMPOUNDS (TICs) BY EPA TO-15

<i>Client ID</i>	VEN448		
<i>AAC ID</i>	251602-77061		
<i>Date Sampled</i>	06/23/2025		
<i>Date Analyzed</i>	07/07/2025		
<i>Can Dilution Factor</i>	1.40		
<i>Compound</i>	<i>Result¹</i>	<i>Analysis DF</i>	<i>ID Quality²</i>
Hexamethylcyclotrisiloxane	8.31	1	91
Octamethylcyclotetrasiloxane	2.31	1	91
BFB-Surrogate Std. % Recovery	87%		

<i>Client ID</i>	000120		
<i>AAC ID</i>	251602-77062		
<i>Date Sampled</i>	06/23/2025		
<i>Date Analyzed</i>	07/07/2025		
<i>Can Dilution Factor</i>	1.40		
<i>Compound</i>	<i>Result¹</i>	<i>Analysis DF</i>	<i>ID Quality²</i>
Difluorodimethylsilane	0.96	1	80
Butanal	0.84	1	80
Tetrahydrothiophene	2.66	1	94
Hexamethylcyclotrisiloxane	2.07	1	91
BFB-Surrogate Std. % Recovery	87%		

¹ Results obtained via TICs analysis are estimated
² Spectral Library match quality ranges from 1-99



Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

CLIENT : RHP Risk Management
PROJECT NO : 251602
MATRIX : AIR
UNITS : $\mu\text{g}/\text{m}^3$

DATE RECEIVED : 06/26/2025
DATE REPORTED : 07/10/2025
ANALYST : DL/CH

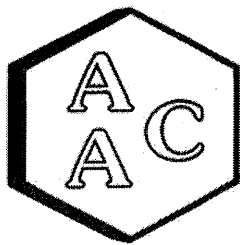
TENTATIVELY IDENTIFIED COMPOUNDS (TICs) BY EPA TO-15

<i>Client ID</i>	VEN448		
<i>AAC ID</i>	251602-77061		
<i>Date Sampled</i>	06/23/2025		
<i>Date Analyzed</i>	07/07/2025		
<i>Can Dilution Factor</i>	1.40		
<i>Compound</i>	<i>Result¹</i>	<i>Analysis DF</i>	<i>ID Quality²</i>
Hexamethylcyclotrisiloxane	75.5	1	91
Octamethylcyclotetrasiloxane	27.9	1	91
BFB-Surrogate Std. % Recovery	87%		

<i>Client ID</i>	000120		
<i>AAC ID</i>	251602-77062		
<i>Date Sampled</i>	06/23/2025		
<i>Date Analyzed</i>	07/07/2025		
<i>Can Dilution Factor</i>	1.40		
<i>Compound</i>	<i>Result¹</i>	<i>Analysis DF</i>	<i>ID Quality²</i>
Difluorodimethylsilane	3.79	1	80
Butanal	2.47	1	80
Tetrahydrothiophene	9.56	1	94
Hexamethylcyclotrisiloxane	18.8	1	91
BFB-Surrogate Std. % Recovery	87%		

¹ Results obtained via TICs analysis are estimated

² Spectral Library match quality ranges from 1-99



Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

CLIENT : RHP Risk Management
PROJECT NO : 251602
MATRIX : AIR
UNITS : PPB (v/v)

DATE RECEIVED : 06/26/2025
DATE REPORTED : 07/10/2025
ANALYST : DL/CH

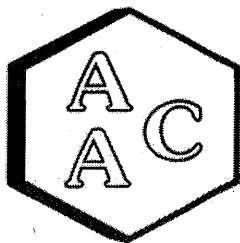
TENTATIVELY IDENTIFIED COMPOUNDS (TICs) BY EPA TO-15

<i>Client ID</i>	00004		
<i>AAC ID</i>	251602-77063		
<i>Date Sampled</i>	06/23/2025		
<i>Date Analyzed</i>	07/07/2025		
<i>Can Dilution Factor</i>	1.50		
<i>Compound</i>	<i>Result¹</i>	<i>Analysis DF</i>	<i>ID Quality²</i>
Trimethylsilanol	2.14	1	50
Tetrahydrothiophene	0.99	1	94
BFB-Surrogate Std. % Recovery	86%		

<i>Client ID</i>	001314		
<i>AAC ID</i>	251602-77064		
<i>Date Sampled</i>	06/23/2025		
<i>Date Analyzed</i>	07/08/2025		
<i>Can Dilution Factor</i>	12.95		
<i>Compound</i>	<i>Result¹</i>	<i>Analysis DF</i>	<i>ID Quality²</i>
1-Butanol	8.16	1	74
BFB-Surrogate Std. % Recovery	83%		

¹ Results obtained via TICs analysis are estimated

² Spectral Library match quality ranges from 1-99



Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

CLIENT : RHP Risk Management

PROJECT NO : 251602

MATRIX : AIR

UNITS : $\mu\text{g}/\text{m}^3$

DATE RECEIVED : 06/26/2025

DATE REPORTED : 07/10/2025

ANALYST : DL/CH

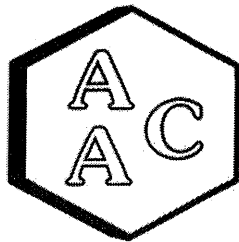
TENTATIVELY IDENTIFIED COMPOUNDS (TICs) BY EPA TO-15

<i>Client ID</i>	00004		
<i>AAC ID</i>	251602-77063		
<i>Date Sampled</i>	06/23/2025		
<i>Date Analyzed</i>	07/07/2025		
<i>Can Dilution Factor</i>	1.50		
<i>Compound</i>	<i>Result¹</i>	<i>Analysis DF</i>	<i>ID Quality²</i>
Trimethylsilanol	7.87	1	50
Tetrahydrothiophene	3.55	1	94
BFB-Surrogate Std. % Recovery	86%		

<i>Client ID</i>	001314		
<i>AAC ID</i>	251602-77064		
<i>Date Sampled</i>	06/23/2025		
<i>Date Analyzed</i>	07/08/2025		
<i>Can Dilution Factor</i>	12.95		
<i>Compound</i>	<i>Result¹</i>	<i>Analysis DF</i>	<i>ID Quality²</i>
I-Butanol	24.7	1	74
BFB-Surrogate Std. % Recovery	83%		

¹ Results obtained via TICs analysis are estimated

² Spectral Library match quality ranges from 1-99



Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

CLIENT : RHP Risk Management
PROJECT NO : 251602
MATRIX : AIR
UNITS : PPB (v/v)

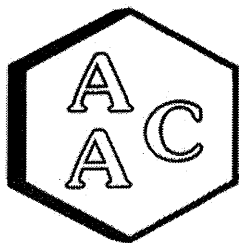
DATE RECEIVED : 06/26/2025
DATE REPORTED : 07/10/2025
ANALYST : DL/CH

TENTATIVELY IDENTIFIED COMPOUNDS (TICs) BY EPA TO-15

<i>Client ID</i>	1283		
<i>AAC ID</i>	251602-77065		
<i>Date Sampled</i>	06/23/2025		
<i>Date Analyzed</i>	07/08/2025		
<i>Can Dilution Factor</i>	1.47		
<i>Compound</i>	<i>Result¹</i>	<i>Analysis DF</i>	<i>ID Quality²</i>
2-Chloroethanol	17.6	1	64
Trimethylsilanol	1.76	1	90
Tetrahydrothiophene	0.88	1	90
BFB-Surrogate Std. % Recovery	84%		

<i>Client ID</i>	0337		
<i>AAC ID</i>	251602-77066		
<i>Date Sampled</i>	06/23/2025		
<i>Date Analyzed</i>	07/08/2025		
<i>Can Dilution Factor</i>	1.42		
<i>Compound</i>	<i>Result¹</i>	<i>Analysis DF</i>	<i>ID Quality²</i>
Nitromethane	1.18	1	78
Hexamethylcyclotrisiloxane	1.63	1	91
BFB-Surrogate Std. % Recovery	84%		

¹ Results obtained via TICs analysis are estimated
² Spectral Library match quality ranges from 1-99



Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report

CLIENT : RHP Risk Management
PROJECT NO : 251602
MATRIX : AIR
UNITS : $\mu\text{g}/\text{m}^3$

DATE RECEIVED : 06/26/2025
DATE REPORTED : 07/10/2025
ANALYST : DL/CH

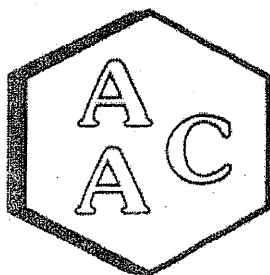
TENTATIVELY IDENTIFIED COMPOUNDS (TICs) BY EPA TO-15

<i>Client ID</i>	1283		
<i>AAC ID</i>	251602-77065		
<i>Date Sampled</i>	06/23/2025		
<i>Date Analyzed</i>	07/08/2025		
<i>Can Dilution Factor</i>	1.47		
<i>Compound</i>	<i>Result¹</i>	<i>Analysis DF</i>	<i>ID Quality²</i>
2-Chloroethanol	57.5	1	64
Trimethylsilanol	6.49	1	90
Tetrahydrothiophene	3.17	1	90
BFB-Surrogate Std. % Recovery	84%		

<i>Client ID</i>	0337		
<i>AAC ID</i>	251602-77066		
<i>Date Sampled</i>	06/23/2025		
<i>Date Analyzed</i>	07/08/2025		
<i>Can Dilution Factor</i>	1.42		
<i>Compound</i>	<i>Result¹</i>	<i>Analysis DF</i>	<i>ID Quality²</i>
Nitromethane	2.94	1	78
Hexamethylcyclotrisiloxane	14.8	1	91
BFB-Surrogate Std. % Recovery	84%		

¹ Results obtained via TICs analysis are estimated

² Spectral Library match quality ranges from 1-99



Atmospheric Analysis & Consulting, Inc.

QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 07/08/2025

MATRIX : High Purity N₂

UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04

CALIBRATION STD ID : MS1-041725-01

ANALYST : DL

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 06/25/2025 Calibration

Analyte Compounds	Source ¹	CCV ²	% Recovery ³
4-BFB (surrogate standard)	9.40	8.75	93
Chlorodifluoromethane	10.20	12.66	124
Propene	10.70	13.29	124
Dichlorodifluoromethane	10.40	12.93	124
Dimethyl Ether	10.10	11.88	118
Chloromethane	10.50	13.45	128
Dichlorotetrafluoroethane	10.20	10.61	104
Vinyl Chloride	10.60	12.79	121
Acetaldehyde	20.90	17.77	85
Methanol	20.40	17.16	84
1,3-Butadiene	10.70	12.52	117
Bromomethane	10.40	11.58	111
Chloroethane	10.40	10.86	104
Dichlorofluoromethane	10.10	11.67	116
Ethanol	11.40	11.73	103
Vinyl Bromide	10.10	10.34	102
Acrolein	10.90	13.43	123
Acetone	10.60	11.28	106
Trichlorofluoromethane	10.50	10.76	102
2-Propanol (IPA)	11.00	11.16	101
Acrylonitrile	11.10	13.00	117
1,1-Dichloroethene	10.50	11.35	108
Methylene Chloride (DCM)	10.40	12.36	119
TertButanol (TBA)	11.20	13.26	118
Allyl Chloride	10.20	10.57	104
Carbon Disulfide	10.50	11.92	114
Trichlorotrifluoroethane	10.30	11.93	116
trans-1,2-Dichloroethene	10.80	12.13	112
1,1-Dichloroethane	10.70	12.92	121
Methyl Tert Butyl Ether (MTBE)	10.70	12.91	121
Vinyl Acetate	11.00	12.81	116
2-Butanone (MEK)	10.70	13.11	129
cis-1,2-Dichloroethene	10.70	12.02	112
Hexane	10.80	13.99	129
Chloroform	10.70	13.15	123
Ethyl Acetate	10.70	11.69	109
Tetrahydrofuran	10.40	12.90	124
1,2-Dichloroethane	10.60	13.48	127
1,1,1-Trichloroethane	10.50	11.88	113
Benzene	10.70	12.34	115
Carbon Tetrachloride	10.30	9.74	95
Cyclohexane	10.50	12.07	115

Analyte Compounds (Continued)	Source ¹	CCV ²	% Recovery ³
1,2-Dichloropropane	10.70	13.20	123
Bromodichloromethane	10.50	12.05	115
1,4-Dioxane	10.50	11.06	105
Trichloroethene (TCE)	10.50	10.36	99
2,2,4-Trimethylpentane	10.10	12.52	124
Methyl Methacrylate	11.00	13.07	119
Heptane	10.50	12.63	120
cis-1,3-Dichloropropene	10.50	12.94	123
4-Methyl-2-pentanone (MiBK)	10.50	12.67	121
trans-1,3-Dichloropropene	10.60	12.66	119
1,1,2-Trichloroethane	10.60	12.11	114
Toluene	10.80	12.62	117
2-Hexanone (MBK)	10.50	13.52	129
Dibromochloromethane	10.60	10.20	96
1,2-Dibromoethane	10.60	11.69	110
Tetrachloroethene (PCE)	10.50	9.72	93
Chlorobenzene	10.80	10.94	101
Ethylbenzene	10.60	12.51	118
m & p-Xylene	21.20	21.61	102
Bromoform	10.60	9.04	85
Styrene	10.60	11.33	107
1,1,2,2-Tetrachloroethane	10.60	12.69	120
o-Xylene	10.60	12.34	116
1,2,3-Trichloropropane	11.00	11.51	105
Isopropylbenzene (Cumene)	10.40	11.46	110
α-Pinene	10.80	13.81	128
2-Chlorotoluene	10.30	10.20	99
m-Propylbenzene	10.10	10.14	100
4-Ethyltoluene	10.40	10.13	97
1,3,5-Trimethylbenzene	10.30	10.16	99
β-Pinene	10.90	10.78	99
1,2,4-Trimethylbenzene	10.30	9.61	93
Benzyl Chloride (α-Chlorotoluene)	10.30	8.53	83
1,3-Dichlorobenzene	10.30	9.82	95
1,4-Dichlorobenzene	10.20	9.99	98
Sec-ButylBenzene	10.00	10.66	107
1,2-Dichlorobenzene	10.40	9.88	95
n-ButylBenzene	10.20	9.23	90
1,2-Dibromo-3-Chloropropane	10.10	8.63	85
1,2,4-Trichlorobenzene	10.50	7.92	75
Naphthalene	10.90	8.10	74
Hexachlorobutadiene	10.80	8.91	83

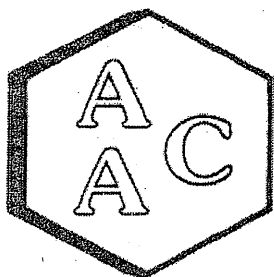
¹ Concentration of analyte compound in certified source standard.

² Measured result from daily Continuing Calibration Verification (CCV).

³ The acceptable range for analyte recovery is 100±30%.

* - β-Pinene results are estimated.





Atmospheric Analysis & Consulting, Inc.

QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 07/08/2025

MATRIX : High Purity N₂

UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04

CALIBRATION STD ID : MS1-041725-01

ANALYST : DL

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

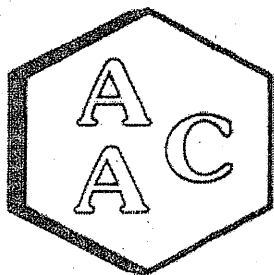
System Monitoring Compounds	Sample Concentration	Spike Added	LCS ¹ Recovery	LCSD ¹ Recovery	LCS ¹ % Recovery ²	LCSD ¹ % Recovery ²	RPD ³
4-BFB (surrogate standard)	0.0	9.40	8.75	8.91	93	95	1.8
1,1-Dichloroethene	0.0	10.50	11.35	11.08	108	106	2.4
Methylene Chloride (DCM)	0.0	10.40	12.36	12.26	119	118	0.8
Benzene	0.0	10.70	12.34	12.51	115	117	1.4
Trichloroethene (TCE)	0.0	10.50	10.36	10.45	99	100	0.9
Toluene	0.0	10.80	12.62	12.91	117	120	2.3
Tetrachloroethene (PCE)	0.0	10.50	9.72	9.88	93	94	1.6
Chlorobenzene	0.0	10.80	10.94	11.31	101	105	3.3
Ethylbenzene	0.0	10.60	12.51	13.00	118	123	3.8
m & p-Xylene	0.0	21.20	21.61	22.44	102	106	3.8
o-Xylene	0.0	10.60	12.34	12.67	116	120	2.6

¹ Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)

² The acceptable range for analyte recovery is 100±30%.

³ Relative Percent Difference (RPD) between LCS recovery and LCSD recovery (acceptable range is <25%).





Atmospheric Analysis & Consulting, Inc.

QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 07/08/2025

INSTRUMENT ID : GC/MS-04

MATRIX : High Purity He or N₂

ANALYST : DL

UNITS : PPB (v/v)

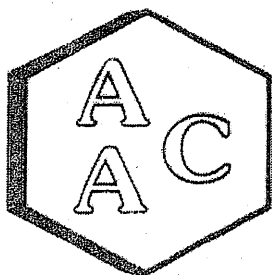
VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Method Blank Analysis

Analyte Compounds	MB 070825	Reporting Limit (RL)
4-BFB (surrogate standard)	81%	100±30%
Chlorodifluoromethane	<RL	0.5
Propene	<RL	1.0
Dichlorodifluoromethane	<RL	0.5
Dimethyl Ether	<RL	0.5
Chloromethane	<RL	0.5
Dichlorotetrafluoroethane	<RL	0.5
Vinyl Chloride	<RL	0.5
Acetaldehyde	<RL	5.0
Methanol	<RL	5.0
1,3-Butadiene	<RL	0.5
Bromomethane	<RL	0.5
Chloroethane	<RL	0.5
Dichlorofluoromethane	<RL	0.5
Ethanol	<RL	2.0
Vinyl Bromide	<RL	0.5
Acrolein	<RL	1.0
Acetone	<RL	2.0
Trichlorofluoromethane	<RL	0.5
2-Propanol (IPA)	<RL	2.0
Acrylonitrile	<RL	1.0
1,1-Dichloroethene	<RL	0.5
Methylene Chloride (DCM)	<RL	1.0
TertButanol (TBA)	<RL	0.5
Allyl Chloride	<RL	1.0
Carbon Disulfide	<RL	2.0
Trichlorotrifluoroethane	<RL	0.5
trans-1,2-Dichloroethene	<RL	0.5
1,1-Dichloroethane	<RL	0.5
Methyl Tert Butyl Ether (MTBE)	<RL	0.5
Vinyl Acetate	<RL	0.5
2-Butanone (MEK)	<RL	1.0
cis-1,2-Dichloroethene	<RL	0.5
Hexane	<RL	0.5
Chloroform	<RL	0.5
Ethyl Acetate	<RL	0.5
Tetrahydrofuran	<RL	0.5
1,2-Dichloroethane	<RL	0.5
1,1,1-Trichloroethane	<RL	0.5
Benzene	<RL	0.5
Carbon Tetrachloride	<RL	0.5
Cyclohexane	<RL	0.5

Analyte Compounds (Continued)	MB 070825	Reporting Limit (RL)
1,2-Dichloropropane	<RL	0.5
Bromodichloromethane	<RL	0.5
1,4-Dioxane	<RL	1.0
Trichloroethene (TCE)	<RL	0.5
2,2,4-Trimethylpentane	<RL	0.5
Methyl Methacrylate	<RL	0.5
Heptane	<RL	0.5
cis-1,3-Dichloropropene	<RL	0.5
4-Methyl-2-pentanone (MiBK)	<RL	0.5
trans-1,3-Dichloropropene	<RL	0.5
1,1,2-Trichloroethane	<RL	0.5
Toluene	<RL	0.5
2-Hexanone (MBK)	<RL	1.0
Dibromochloromethane	<RL	0.5
1,2-Dibromoethane	<RL	0.5
Tetrachloroethene (PCE)	<RL	0.5
Chlorobenzene	<RL	0.5
Ethylbenzene	<RL	0.5
m & p-Xylene	<RL	1.0
Bromoform	<RL	0.5
Styrene	<RL	0.5
1,1,2,2-Tetrachloroethane	<RL	0.5
o-Xylene	<RL	0.5
1,2,3-Trichloropropane	<RL	0.5
Isopropylbenzene (Cumene)	<RL	0.5
α-Pinene	<RL	0.5
2-Chlorotoluene	<RL	0.5
n-Propylbenzene	<RL	0.5
4-Ethyltoluene	<RL	0.5
1,3,5-Trimethylbenzene	<RL	0.5
β-Pinene	<RL	0.5
1,2,4-Trimethylbenzene	<RL	0.5
Benzyl Chloride (a-Chlorotoluene)	<RL	0.5
1,3-Dichlorobenzene	<RL	0.5
1,4-Dichlorobenzene	<RL	0.5
Sec-ButylBenzene	<RL	0.5
1,2-Dichlorobenzene	<RL	0.5
n-ButylBenzene	<RL	0.5
1,2-Dibromo-3-Chloropropane	<RL	0.5
1,2,4-Trichlorobenzene	<RL	0.5
Naphthalene	<RL	0.5
Hexachlorobutadiene	<RL	0.5





Atmospheric Analysis & Consulting, Inc.

QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 07/08/2025

MATRIX : Air

UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04

ANALYST : DL

DILUTION FACTOR¹ : x122.85

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 251666-77439

Analyte Compounds	Sample	Duplicate	RPD ²
4-BFB (surrogate standard)	7.69	7.80	1.4
Chlorodifluoromethane	<SRL	<SRL	
Propene	5250	5300	0.9
Dichlorodifluoromethane	<SRL	<SRL	
Dimethyl Ether	<SRL	<SRL	
Chloromethane	<SRL	<SRL	
Dichlorotetrafluoroethane	<SRL	<SRL	
Vinyl Chloride	<SRL	<SRL	
Acetaldehyde	<SRL	<SRL	
Methanol	<SRL	<SRL	
1,3-Butadiene	<SRL	<SRL	
Bromomethane	<SRL	<SRL	
Chloroethane	<SRL	<SRL	
Dichlorofluoromethane	<SRL	<SRL	
Ethanol	<SRL	<SRL	
Vinyl Bromide	<SRL	<SRL	
Acrolein	<SRL	<SRL	
Acetone	<SRL	<SRL	
Trichlorofluoromethane	<SRL	<SRL	
2-Propanol (IPA)	<SRL	<SRL	
Acrylonitrile	<SRL	<SRL	
1,1-Dichloroethene	<SRL	<SRL	
Methylene Chloride (DCM)	<SRL	<SRL	
tertButanol (TBA)	<SRL	<SRL	
Allyl Chloride	<SRL	<SRL	
Carbon Disulfide	<SRL	<SRL	
Trichlorotrifluoroethane	<SRL	<SRL	
trans-1,2-Dichloroethene	<SRL	<SRL	
1,1-Dichloroethane	<SRL	<SRL	
Methyl Tert Butyl Ether (MTBE)	<SRL	<SRL	
Vinyl Acetate	<SRL	<SRL	
2-Butanone (MEK)	<SRL	<SRL	
cis-1,2-Dichloroethene	<SRL	<SRL	
Hexane	<SRL	<SRL	
Chloroform	<SRL	<SRL	
Ethyl Acetate	<SRL	<SRL	
Tetrahydrofuran	<SRL	<SRL	
1,2-Dichloroethane	<SRL	<SRL	
1,1,1-Trichloroethane	<SRL	<SRL	
Benzene	<SRL	<SRL	
Carbon Tetrachloride	<SRL	<SRL	
Cyclohexane	<SRL	<SRL	

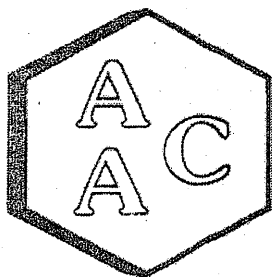
Analyte Compounds (Continued)	Sample	Duplicate	RPD ²
1,2-Dichloropropane	<SRL	<SRL	
Bromodichloromethane	<SRL	<SRL	
1,4-Dioxane	<SRL	<SRL	
Trichloroethene (TCE)	<SRL	<SRL	
2,2,4-Trimethylpentane	<SRL	<SRL	
Methyl Methacrylate	<SRL	<SRL	
Heptane	<SRL	<SRL	
cis-1,3-Dichloropropene	<SRL	<SRL	
4-Methyl-2-pentanone (MiBK)	<SRL	<SRL	
trans-1,3-Dichloropropene	<SRL	<SRL	
1,1,2-Trichloroethane	<SRL	<SRL	
Toluene	<SRL	<SRL	
2-Hexanone (MBK)	<SRL	<SRL	
Dibromochloromethane	<SRL	<SRL	
1,2-Dibromoethane	<SRL	<SRL	
Tetrachloroethene (PCE)	<SRL	<SRL	
Chlorobenzene	<SRL	<SRL	
Ethylbenzene	<SRL	<SRL	
m & p-Xylene	<SRL	<SRL	
Bromoform	<SRL	<SRL	
Styrene	<SRL	<SRL	
1,1,2,2-Tetrachloroethane	<SRL	<SRL	
o-Xylene	<SRL	<SRL	
1,2,3-Trichloropropane	<SRL	<SRL	
Isopropylbenzene (Cumene)	<SRL	<SRL	
α-Pinene	<SRL	<SRL	
2-Chlorotoluene	<SRL	<SRL	
n-Propylbenzene	<SRL	<SRL	
4-Ethyltoluene	<SRL	<SRL	
1,3,5-Trimethylbenzene	<SRL	<SRL	
β-Pinene	<SRL	<SRL	
1,2,4-Trimethylbenzene	<SRL	<SRL	
Benzyl Chloride (α-Chlorotoluene)	<SRL	<SRL	
1,3-Dichlorobenzene	<SRL	<SRL	
1,4-Dichlorobenzene	<SRL	<SRL	
Sec-Butylbenzene	<SRL	<SRL	
1,2-Dichlorobenzene	<SRL	<SRL	
n-Butylbenzene	<SRL	<SRL	
1,2-Dibromo-3-Chloropropane	<SRL	<SRL	
1,2,4-Trichlorobenzene	<SRL	<SRL	
Naphthalene	<SRL	<SRL	
Hexachlorobutadiene	<SRL	<SRL	

¹ Dilution factor is the product of the Canister Dilution Factor and the Analysis Dilution Factor.

² Relative Percent Difference (RPD) between Sample analysis and Duplicate analysis (acceptable range is <25%).

SRL - Sample Reporting Limit (minimum)





Atmospheric Analysis & Consulting, Inc.

QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 07/07/2025

MATRIX : High Purity N₂

UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04

CALIBRATION STD ID : MS1-041725-01

ANALYST : DL

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Continuing Calibration Verification of the 06/25/2025 Calibration

Analyte Compounds	Source ¹	CCV ²	% Recovery ³
4-BFB (surrogate standard)	9.40	8.48	90
Chlorodifluoromethane	10.20	12.91	127
Propene	10.70	13.06	122
Dichlorodifluoromethane	10.40	12.77	123
Dimethyl Ether	10.10	12.82	127
Chloromethane	10.50	12.37	118
Dichlorotetrafluoroethane	10.20	10.57	104
Vinyl Chloride	10.60	13.33	126
Acetaldehyde	20.90	19.39	93
Methanol	20.40	19.18	94
1,3-Butadiene	10.70	12.91	121
Bromomethane	10.40	11.51	111
Chloroethane	10.40	11.01	106
Dichlorofluoromethane	10.10	12.38	123
Ethanol	11.40	13.08	115
Vinyl Bromide	10.10	10.52	104
Acrolein	10.90	13.01	119
Acetone	10.60	12.98	122
Trichlorofluoromethane	10.50	11.15	106
2-Propanol (IPA)	11.00	12.16	111
Acrylonitrile	11.10	14.38	130
1,1-Dichloroethene	10.50	11.40	109
Methylene Chloride (DCM)	10.40	13.01	125
TertButanol (TBA)	11.20	14.14	126
Allyl Chloride	10.20	11.41	112
Carbon Disulfide	10.50	12.18	116
Trichlorotrifluoroethane	10.30	12.27	119
trans-1,2-Dichloroethene	10.80	12.44	115
1,1-Dichloroethane	10.70	13.00	121
Methyl Tert Butyl Ether (MTBE)	10.70	13.81	129
Vinyl Acetate	11.00	13.51	123
2-Butanone (MEK)	10.70	11.71	129
cis-1,2-Dichloroethene	10.70	12.32	115
Hexane	10.80	12.45	129
Chloroform	10.70	13.48	126
Ethyl Acetate	10.70	13.04	122
Tetrahydrofuran	10.40	12.16	117
1,2-Dichloroethane	10.60	12.92	122
1,1,1-Trichloroethane	10.50	11.74	112
Benzene	10.70	12.84	120
Carbon Tetrachloride	10.30	9.40	91
Cyclohexane	10.50	12.69	121

Analyte Compounds (Continued)	Source ¹	CCV ²	% Recovery ³	
1,2-Dichloropropane	10.70	13.86	130	
Bromodichloromethane	10.50	12.06	115	
1,4-Dioxane	10.50	11.93	114	
Trichloroethene (TCE)	10.50	10.43	99	
2,2,4-Trimethylpentane	10.10	12.94	128	
Methyl Methacrylate	11.00	13.68	124	
Heptane	10.50	13.48	128	
cis-1,3-Dichloropropene	10.50	13.01	124	
4-Methyl-2-pentanone (MiBK)	10.50	13.40	128	
trans-1,3-Dichloropropene	10.60	13.08	123	
1,1,2-Trichloroethane	10.60	12.27	116	
Toluene	10.80	13.06	121	
2-Hexanone (MBK)	10.50	13.53	129	
Dibromochloromethane	10.60	10.03	95	
1,2-Dibromoethane	10.60	11.71	110	
Tetrachloroethene (PCE)	10.50	9.46	90	
Chlorobenzene	10.80	11.11	103	
Ethylbenzene	10.60	13.00	123	
m & p-Xylene	21.20	22.05	104	
Bromoform	10.60	8.64	82	
Styrene	10.60	11.47	108	
1,1,2,2-Tetrachloroethane	10.60	12.84	121	
o-Xylene	10.60	12.60	119	
1,2,3-Trichloropropane	11.00	11.81	107	
Isopropylbenzene (Cumene)	10.40	11.72	113	
α-Pinene	HR	10.80	14.74	136
2-Chlorotoluene	10.30	10.21	99	
n-Propylbenzene	10.10	10.11	100	
4-Ethyltoluene	10.40	10.20	98	
1,3,5-Trimethylbenzene	10.30	10.23	99	
β-Pinene	10.90	11.10	102	
1,2,4-Trimethylbenzene	10.30	9.50	92	
Benzyl Chloride (α-Chlorotoluene)	10.30	8.15	79	
1,3-Dichlorobenzene	10.30	9.48	92	
1,4-Dichlorobenzene	10.20	9.87	97	
Sec-ButylBenzene	10.00	10.76	108	
1,2-Dichlorobenzene	10.40	10.01	96	
n-ButylBenzene	10.20	9.38	92	
1,2-Dibromo-3-Chloropropane	10.10	8.30	82	
1,2,4-Trichlorobenzene	10.50	8.46	81	
Naphthalene	10.90	8.99	82	
Hexachlorobutadiene	10.80	8.80	81	

¹ Concentration of analyte compound in certified source standard.

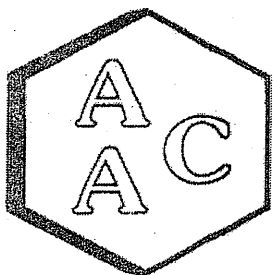
² Measured result from daily Continuing Calibration Verification (CCV).

³ The acceptable range for analyte recovery is 100±30%.

HR - Recovery for this compound was high. Results should be considered biased high.

* - β-Pinene results are estimated.





Atmospheric Analysis & Consulting, Inc.

QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 07/07/2025

MATRIX : High Purity N₂

UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04

CALIBRATION STD ID : MS1-041725-01

ANALYST : DL

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Laboratory Control Spike Analysis

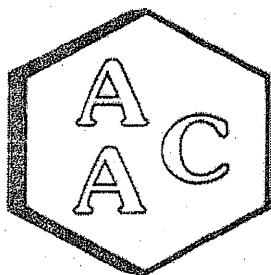
<i>System Monitoring Compounds</i>	<i>Sample Concentration</i>	<i>Spike Added</i>	<i>LCS¹ Recovery</i>	<i>LCSD¹ Recovery</i>	<i>LCS¹ % Recovery²</i>	<i>LCSD¹ % Recovery²</i>	<i>RPD³</i>
4-BFB (surrogate standard)	0.0	9.40	8.48	8.80	90	94	3.7
1,1-Dichloroethene	0.0	10.50	11.40	11.38	109	108	0.2
Methylene Chloride (DCM)	0.0	10.40	13.01	12.73	125	122	2.2
Benzene	0.0	10.70	12.84	12.85	120	120	0.1
Trichloroethene (TCE)	0.0	10.50	10.43	10.38	99	99	0.5
Toluene	0.0	10.80	13.06	13.09	121	121	0.2
Tetrachloroethene (PCE)	0.0	10.50	9.46	9.47	90	90	0.1
Chlorobenzene	0.0	10.80	11.11	11.41	103	106	2.7
Ethylbenzene	0.0	10.60	13.00	13.09	123	123	0.7
m & p-Xylene	0.0	21.20	22.05	22.21	104	105	0.7
o-Xylene	0.0	10.60	12.60	12.82	119	121	1.7

¹ Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD)

² The acceptable range for analyte recovery is 100±30%.

³ Relative Percent Difference (RPD) between LCS recovery and LCSD recovery (acceptable range is <25%).





Atmospheric Analysis & Consulting, Inc.

QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 07/07/2025

INSTRUMENT ID : GC/MS-04

MATRIX : High Purity He or N₂

ANALYST : DL

UNITS : PPB (v/v)

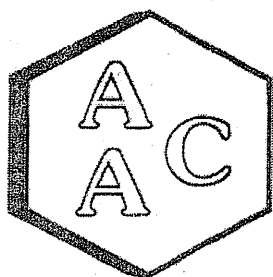
VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Method Blank Analysis

Analyte Compounds	MB 070725	Reporting Limit (RL)
4-BFB (surrogate standard)	82%	100±30%
Chlorodifluoromethane	<RL	0.5
Propene	<RL	1.0
Dichlorodifluoromethane	<RL	0.5
Dimethyl Ether	<RL	0.5
Chloromethane	<RL	0.5
Dichlorotetrafluoroethane	<RL	0.5
Vinyl Chloride	<RL	0.5
Acetaldehyde	<RL	5.0
Methanol	<RL	5.0
1,3-Butadiene	<RL	0.5
Bromomethane	<RL	0.5
Chloroethane	<RL	0.5
Dichlorofluoromethane	<RL	0.5
Ethanol	<RL	2.0
Vinyl Bromide	<RL	0.5
Acrolein	<RL	1.0
Acetone	<RL	2.0
Trichlorofluoromethane	<RL	0.5
2-Propanol (IPA)	<RL	2.0
Acrylonitrile	<RL	1.0
1,1-Dichloroethene	<RL	0.5
Methylene Chloride (DCM)	<RL	1.0
TertButanol (TBA)	<RL	0.5
Allyl Chloride	<RL	1.0
Carbon Disulfide	<RL	2.0
Trichlorotrifluoroethane	<RL	0.5
trans-1,2-Dichloroethene	<RL	0.5
1,1-Dichloroethane	<RL	0.5
Methyl Tert Butyl Ether (MTBE)	<RL	0.5
Vinyl Acetate	<RL	0.5
2-Butanone (MEK)	<RL	1.0
cis-1,2-Dichloroethene	<RL	0.5
Hexane	<RL	0.5
Chloroform	<RL	0.5
Ethyl Acetate	<RL	0.5
Tetrahydrofuran	<RL	0.5
1,2-Dichloroethane	<RL	0.5
1,1,1-Trichloroethane	<RL	0.5
Benzene	<RL	0.5
Carbon Tetrachloride	<RL	0.5
Cyclohexane	<RL	0.5

Analyte Compounds (Continued)	MB 070725	Reporting Limit (RL)
1,2-Dichloropropane	<RL	0.5
Bromodichloromethane	<RL	0.5
1,4-Dioxane	<RL	1.0
Trichloroethene (TCE)	<RL	0.5
2,2,4-Trimethylpentane	<RL	0.5
Methyl Methacrylate	<RL	0.5
Heptane	<RL	0.5
cis-1,3-Dichloropropene	<RL	0.5
4-Methyl-2-pentanone (MiBK)	<RL	0.5
trans-1,3-Dichloropropene	<RL	0.5
1,1,2-Trichloroethane	<RL	0.5
Toluene	<RL	0.5
2-Hexanone (MBK)	<RL	1.0
Dibromochloromethane	<RL	0.5
1,2-Dibromoethane	<RL	0.5
Tetrachloroethene (PCE)	<RL	0.5
Chlorobenzene	<RL	0.5
Ethylbenzene	<RL	0.5
m & p-Xylene	<RL	1.0
Bromoform	<RL	0.5
Styrene	<RL	0.5
1,1,2,2-Tetrachloroethane	<RL	0.5
o-Xylene	<RL	0.5
1,2,3-Trichloropropane	<RL	0.5
Isopropylbenzene (Cumene)	<RL	0.5
α-Pinene	<RL	0.5
2-Chlorotoluene	<RL	0.5
n-Propylbenzene	<RL	0.5
4-Ethyltoluene	<RL	0.5
1,3,5-Trimethylbenzene	<RL	0.5
β-Pinene	<RL	0.5
1,2,4-Trimethylbenzene	<RL	0.5
Benzyl Chloride (a-Chlorotoluene)	<RL	0.5
1,3-Dichlorobenzene	<RL	0.5
1,4-Dichlorobenzene	<RL	0.5
Sec-Butylbenzene	<RL	0.5
1,2-Dichlorobenzene	<RL	0.5
n-Butylbenzene	<RL	0.5
1,2-Dibromo-3-Chloropropane	<RL	0.5
1,2,4-Trichlorobenzene	<RL	0.5
Naphthalene	<RL	0.5
Hexachlorobutadiene	<RL	0.5





Atmospheric Analysis & Consulting, Inc.

QUALITY CONTROL / QUALITY ASSURANCE REPORT

ANALYSIS DATE : 07/07/2025

MATRIX : Air

UNITS : PPB (v/v)

INSTRUMENT ID : GC/MS-04

ANALYST : DL

DILUTION FACTOR¹ : x41.44

VOLATILE ORGANIC COMPOUNDS BY EPA METHOD TO-15

Duplicate Analysis of AAC Sample ID: 251581-77007

Analyte Compounds	Sample	Duplicate	RPD ²
4-BFB (surrogate standard)	8.06	8.17	1.4
Chlorodifluoromethane	<SRL	<SRL	
Propene	82.1	86.2	4.9
Dichlorodifluoromethane	<SRL	<SRL	
Dimethyl Ether	<SRL	<SRL	
Chloromethane	<SRL	<SRL	
Dichlorotetrafluoroethane	<SRL	<SRL	
Vinyl Chloride	<SRL	<SRL	
Acetaldehyde	<SRL	<SRL	
Methanol	<SRL	<SRL	
1,3-Butadiene	<SRL	<SRL	
Bromomethane	<SRL	<SRL	
Chloroethane	<SRL	<SRL	
Dichlorofluoromethane	<SRL	<SRL	
Ethanol	<SRL	<SRL	
Vinyl Bromide	<SRL	<SRL	
Acrolein	<SRL	<SRL	
Acetone	<SRL	<SRL	
Trichlorofluoromethane	<SRL	<SRL	
2-Propanol (IPA)	<SRL	<SRL	
Acrylonitrile	<SRL	<SRL	
1,1-Dichloroethene	<SRL	<SRL	
Methylene Chloride (DCM)	J 25.7	22.8	12.0
TertButanol (TBA)	<SRL	<SRL	
Allyl Chloride	<SRL	<SRL	
Carbon Disulfide	<SRL	<SRL	
Trichlorotrifluoroethane	<SRL	<SRL	
trans-1,2-Dichloroethene	<SRL	<SRL	
1,1-Dichloroethane	<SRL	<SRL	
Methyl Tert Butyl Ether (MTBE)	<SRL	<SRL	
Vinyl Acetate	<SRL	<SRL	
2-Butanone (MEK)	<SRL	<SRL	
cis-1,2-Dichloroethene	<SRL	<SRL	
Hexane	<SRL	<SRL	
Chloroform	<SRL	<SRL	
Ethyl Acetate	<SRL	<SRL	
Tetrahydrofuran	<SRL	<SRL	
1,2-Dichloroethane	<SRL	<SRL	
1,1,1-Trichloroethane	<SRL	<SRL	
Benzene	<SRL	<SRL	
Carbon Tetrachloride	<SRL	<SRL	
Cyclohexane	<SRL	<SRL	

Analyte Compounds (Continued)	Sample	Duplicate	RPD ²
1,2-Dichloropropane	<SRL	<SRL	
Bromodichloromethane	<SRL	<SRL	
1,4-Dioxane	<SRL	<SRL	
Trichloroethene (TCE)	<SRL	<SRL	
2,2,4-Trimethylpentane	<SRL	<SRL	
Methyl Methacrylate	<SRL	<SRL	
Heptane	<SRL	<SRL	
cis-1,3-Dichloropropene	<SRL	<SRL	
4-Methyl-2-pentanone (MiBK)	<SRL	<SRL	
trans-1,3-Dichloropropene	<SRL	<SRL	
1,1,2-Trichloroethane	<SRL	<SRL	
Toluene	<SRL	<SRL	
2-Hexanone (MBK)	<SRL	<SRL	
Dibromochloromethane	<SRL	<SRL	
1,2-Dibromoethane	<SRL	<SRL	
Tetrachloroethene (PCE)	<SRL	<SRL	
Chlorobenzene	<SRL	<SRL	
Ethylbenzene	<SRL	<SRL	
m & p-Xylene	<SRL	<SRL	
Bromoform	<SRL	<SRL	
Styrene	<SRL	<SRL	
1,1,2,2-Tetrachloroethane	<SRL	<SRL	
o-Xylene	<SRL	<SRL	
1,2,3-Trichloropropane	<SRL	<SRL	
Isopropylbenzene (Cumene)	<SRL	<SRL	
α-Pinene	<SRL	<SRL	
2-Chlorotoluene	<SRL	<SRL	
n-Propylbenzene	<SRL	<SRL	
4-Ethyltoluene	<SRL	<SRL	
1,3,5-Trimethylbenzene	<SRL	<SRL	
β-Pinene	<SRL	<SRL	
1,2,4-Trimethylbenzene	<SRL	<SRL	
Benzyl Chloride (α-Chlorotoluene)	<SRL	<SRL	
1,3-Dichlorobenzene	<SRL	<SRL	
1,4-Dichlorobenzene	<SRL	<SRL	
Sec-ButylBenzene	<SRL	<SRL	
1,2-Dichlorobenzene	<SRL	<SRL	
n-ButylBenzene	<SRL	<SRL	
1,2-Dibromo-3-Chloropropane	<SRL	<SRL	
1,2,4-Trichlorobenzene	<SRL	<SRL	
Naphthalene	<SRL	<SRL	
Hexachlorobutadiene	<SRL	<SRL	

¹ Dilution factor is the product of the Canister Dilution Factor and the Analysis Dilution Factor.

² Relative Percent Difference (RPD) between Sample analysis and Duplicate analysis (acceptable range is <25%).

SRL - Sample Reporting Limit (minimum)

J - Estimated value between the detection limit and the minimum reporting limit, shown for duplication purposes only.





Air Analysis

Turn Around Time: Standard ☒ 4 Days ___ 3 Days ___ 2 Days ___ Next ___ Same ___
Date Due: Time Due: _____

Project Name: MP-Air Sampling

Relinquished by W. E. L.

Date/Time: 6/25/25 1500

Project Number: MP-R14

Received by:

Date/Time:

Project Location: Mount Prospect

Relinquished by:

Date/Time:	
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Received by:

Date/Time:

Relinquished by:

Date/Time:

Received by:

Date/Time: 6/7/65 1052

Project Manager (PM): Rob HARVEY

PM Email: charvey@charfisk.com

PM Phone: ~~630-408-0082~~ 630-408-0082

[illegible]

Notes: _____

$$r = 2 \text{ Ga cars} + 6 \text{ Ga Enrichers}$$

CHAIN OF CUSTODY RECORD
Air Sampling



Air Analysis Butyric Acid

Turn Around Time: Standard ☒ 4 Days ___ 3 Days ___ 2 Days ___ Next ___ Same ___
Date Due: ___ Time Due: ___

Project Name: <u>MP-Air Sampling</u>	Relinquished by: _____	Date/Time: _____
Project Number: <u>MP-RH</u>	Received by: _____	Date/Time: _____
Project Location: <u>West Mount Prospect, IL</u>	Relinquished by: _____	Date/Time: _____
	Received by: _____	Date/Time: _____
	Relinquished by: _____	Date/Time: _____
	Received by: <u>[Signature]</u>	Date/Time: <u>6/26/05 1039</u>

Project Manager (PM): Rob HARVEY

PM Email: rh Harvey@rhp-risk.com

PM Phone: 630-908-0089

Sample #	Media	Date	Time On	Time Off	Rate (LPM)	Volume (L)	Sample Description / Location
C1-0329	77067	6/23/05	1742	0130	1.54	722.2	Butyric Acid
C2-0330	77068		1752	0138	1.51	705.7	
C3-0331	77069		1801	0142	1.58	722.8	
C4-0332	77070		1811	0147	1.55	707.4	
C5-0333	77071		1819	0154	1.52	694.8	
C6-0334	77072		1825	0200	1.55	702.3	
C7-0336	77073	—	—	—	—	Blank	—

Notes: _____

URS 19.3°C T_p



Your P.O. #: RH-MP
Your Project #: MP-AIR SAMP

Attention: Rod Harvey

RHP Risk Management Inc.
8745 W Higgins Rd. Suite 320
Chicago, IL
CANADA 60631

Report Date: 07/21/2025
Report #: R8579808
Version: 1 - Final

ANALYTICAL REPORT

BUREAU VERITAS JOB #: C584492

Received: 07/15/2025, 00:00

Sample Matrix: Air
Samples Received: 7

Analyses	Quantity	Date Analyzed	Laboratory Method	Analytical Method
Volatiles (VOC) - List 2 - GC/FID	7	07/18/2025	NOV SOP-00005	NOV SOP-00005

This report shall not be reproduced except in full, without the written approval of the laboratory.

Results relate only to the items tested.

Reference Method suffix "m" indicates test methods incorporate validated modifications from specific reference methods to improve performance.

Encryption Key

Please direct all questions regarding this Analytical Report to your Project Manager.

Natlie Todd, Client Service Rep

Email: natlie.todd@bureauveritas.com

Phone# (248) 344-1770

=====

Bureau Veritas has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. This report is authorized by Shawn Heier, VP & COO North American ENV Laboratories responsible for Michigan Industrial Hygiene laboratory operations.



BUREAU
VERITAS

Bureau Veritas Job #: C584492

Report Date: 07/21/2025

RHP Risk Management Inc.

Client Project #: MP-AIR SAMP

Your P.O. #: RH-MP

ANALYTICAL RESULTS

Client ID:	G1-0747	Matrix:	Air			
Bureau Veritas ID:	ASYQ60	Sample Media:	SKC226-01 Charcoal tube 150mg			
Date Sampled:	06/23/2025	Air Volume (L):	10			
	Mass	Concentration	RL		Date	
ANALYTE	ug	mg/m3	ppm	ug	Test Method	Analyzed
Amyl Alcohol	<5.0	<0.50	<0.14	5.0	NOV SOP-00005	07/18/2025
RL = Reporting Limit						

Client ID:	G2-9745	Matrix:	Air			
Bureau Veritas ID:	ASYQ61	Sample Media:	SKC226-01 Charcoal tube 150mg			
Date Sampled:	06/23/2025	Air Volume (L):	10.4			
ANALYTE	Mass ug	Concentration mg/m3 ppm	RL ug	Test Method	Date Analyzed	
Amyl Alcohol	<5.0	<0.48	<0.13	5.0	NOV SOP-00005	07/18/2025
RL = Reporting Limit						

Client ID:	G3-0756	Matrix:	Air		
Bureau Veritas ID:	ASYQ62	Sample Media:	SKC226-01 Charcoal tube 150mg		
Date Sampled:	06/23/2025	Air Volume (L):	47.4		
ANALYTE	Mass ug	Concentration mg/m3 ppm	RL ug	Test Method	Date Analyzed
Amyl Alcohol	<5.0	<0.11 <0.029	5.0	NOV SOP-00005	07/18/2025
RL = Reporting Limit					

Client ID:	G4-9851	Matrix:	Air			
Bureau Veritas ID:	ASYQ63	Sample Media:	SKC226-01 Charcoal tube 150mg			
Date Sampled:	06/23/2025	Air Volume (L):	10			
ANALYTE	Mass ug	Concentration mg/m3 ppm	RL ug	Test Method	Date Analyzed	
Amyl Alcohol	<5.0	<0.50	<0.14	5.0	NOV SOP-00005	07/18/2025
RL = Reporting Limit						

Client ID:	G5-0235	Matrix:	Air			
Bureau Veritas ID:	ASYQ64	Sample Media:	SKC226-01 Charcoal tube 150mg			
Date Sampled:	06/23/2025	Air Volume (L):	8.4			
ANALYTE	Mass ug	Concentration mg/m3 ppm	RL ug	Test Method	Date Analyzed	
Amyl Alcohol	<5.0	<0.60	<0.17	5.0	NOV SOP-00005	07/18/2025
RL = Reporting Limit						



BUREAU
VERITAS

Bureau Veritas Job #: C584492
Report Date: 07/21/2025

RHP Risk Management Inc.
Client Project #: MP-AIR SAMP
Your P.O. #: RH-MP

ANALYTICAL RESULTS

Client ID:	G6-9748	Matrix:	Air			
Bureau Veritas ID:	ASYQ65	Sample Media:	SKC226-01 Charcoal tube 150mg			
Date Sampled:	06/23/2025	Air Volume (L):	9			
ANALYTE	Mass ug	Concentration mg/m3 ppm	RL ug	Test Method	Date Analyzed	
Amyl Alcohol	<5.0	<0.56	<0.15	5.0	NOV SOP-00005	07/18/2025
RL = Reporting Limit						

Client ID:	G7-9925	Matrix:	Air			
Bureau Veritas ID:	ASYQ66	Sample Media:	SKC226-01 Charcoal tube 150mg			
Date Sampled:	06/23/2025					
	Mass	Concentration	RL		Date	
ANALYTE	ug	mg/m3	ppm	ug	Test Method	Analyzed
Amyl Alcohol	<5.0	N/A	N/A	5.0	NOV SOP-00005	07/18/2025
RL = Reporting Limit						



BUREAU
VERITAS

Bureau Veritas Job #: C584492

Report Date: 07/21/2025

RHP Risk Management Inc.

Client Project #: MP-AIR SAMP

Your P.O. #: RH-MP

GENERAL COMMENTS

Unless otherwise noted below the following statements apply: 1) all samples were received in acceptable condition, 2) all quality control results associated with this sample set were within acceptable limits and /or do not adversely affect the reported results and 3) the industrial hygiene results have not been blank corrected.

The client provided their pertinent field sampling data on the analysis request paperwork submitted with the samples. Results apply to the sample as received.

Results relate only to the items tested.

For Bureau Veritas Use Only
Bureau Veritas Lab Project No.



Detroit Lab
22345 Roethel Drive
Novi, MI 48375
(800) 806-5887
(248) 344-2652
FAX (248) 344-2655

Chicago Lab
95 Oakwood Road
Lake Zurich, IL 60047
(888) 576-7522
(847) 726-3320
FAX (847) 726-3323

CONTACT LAB IN ADVANCE

Need Results by: / /

RUSH Charges Authorized? ☐ Yes ☐ No

(If yes, Initial here) _____

☒ Email Results to rhoney@slipstick.com

REPORT RESULTS TO	Name ROD HARVEY		Client Job No. MP-Air Samp		☒ PO # RA-MP		☐ Call for Credit Card Information		☒ Direct Bill											
	Company RHP Risk Management		Dept.		Name Lise Johnson		LJohnson@rhp-risk.com													
	Mailing Address 8445 W. Higgins Road, Suite 320				Company															
	City, State, Zip Chicago, IL 60631				Address SAME															
Telephone No. 630-908-0089		FAX No.																		
Special instructions and/or specific regulatory requirements: (method, limit of detection, etc.)																				
ANALYSIS REQUESTED (Enter an 'X' in the box below to indicate request. Enter a 'P' if Preservative added.)																				
					Dimethyl Disulfide					Dimethylamine										
CLIENT SAMPLE IDENTIFICATION					DATE SAMPLED	MINUTES SAMPLED	MATRIX/MEDIA	AIR VOLUME (specify units)	FOR LAB USE ONLY											
D1-9769					6/23/25	468		956.7	X											
D2-9831						466		978.4	X											
D3-9900						461		925.8	X											
D4-9522						456		919.4	X											
D5-0020						455		918.5	X											
D6-9588						452		877.9	X											
D7-0237						-		BLANK	X											
E1-3679						293		31.6		X										
E2-3670						281		32.0		X										
E3-3674						273		28.4		X										
E4-3671						271		27.5		X										
E5-4089						266		29.3		X										
CHAIN OF CUSTODY	Collected by: ROD HARVEY (print)				Collector's Signature: [Signature]															
	Relinquished by: ROD HARVEY [Signature]				Date/Time: 6/24/25 1500				Received by:				Date/Time							
	Relinquished by:				Date/Time				Received by:				Date/Time							
	Method of Shipment:								Received at Lab by: [Signature]				Date/Time 6/25/25							
Sample Condition Upon Receipt: ☒ Acceptable ☐ Other (explain)				1202																
Authorized by:				Date																

For Bureau Veritas Use Only
Bureau Veritas Lab Project No.



**BUREAU
VERITAS**

Detroit Lab
22345 Roethel Drive
Novi, MI 48375
(800) 806-5887
(248) 344-2652
FAX (248) 344-2655

Chicago Lab
95 Oakwood Road
Lake Zurich, IL 60047
(888) 576-7522
(847) 726-3320
FAX (847) 726-3323

CONTACT LAB IN ADVANCE

Need Results by: _____ / _____ / _____
 RUSH Charges Authorized? ☐ Yes ☐ No
 (If yes, Initial here) _____
☐ Email Results to _____

[illegible]



Your P.O. #: RH-MP
Your Project #: MP-AIR SAMP

Attention: Rod Harvey

RHP Risk Management Inc.
8745 W Higgins Rd. Suite 320
Chicago, IL
CANADA 60631

Report Date: 07/14/2025
Report #: R8575123
Version: 1 - Final

ANALYTICAL REPORT

BUREAU VERITAS JOB #: C575780

Received: 06/25/2025, 00:00

Sample Matrix: Air
Samples Received: 14

Analyses	Quantity	Date	Laboratory Method	Analytical Method
		Analyzed		
Amines by NIOSH 2010 (Sulfuric) - GCNPD (1)	7	07/07/2025	NOV4SOP-00003	NIOSH 2010
Sulfides by OSHA PV 2210, GCFPD	7	07/10/2025	NOV4SOP-00122	OSHA PV 2210

This report shall not be reproduced except in full, without the written approval of the laboratory.

Results relate only to the items tested.

Reference Method suffix "m" indicates test methods incorporate validated modifications from specific reference methods to improve performance.

(1) Please note that NIOSH Method 2010 is validated for sampling and analysis of Diethylamine and Dimethylamine. Laboratory results reported for amine compounds other than those specified above are supported by appropriate desorption efficiency recovery studies on the submitted sampling media. Comprehensive method validation studies have not been performed to support collection, retention, or storage stability on the media.

Encryption Key

Please direct all questions regarding this Analytical Report to your Project Manager.

Novi House Account,

Email: BVnovilab@bureauveritas.com

Phone# (248) 344-1770

=====

Bureau Veritas has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. This report is authorized by Shawn Heier, VP & COO North American ENV Laboratories responsible for Michigan Industrial Hygiene laboratory operations.



BUREAU
VERITAS

Bureau Veritas Job #: C575780
Report Date: 07/14/2025

RHP Risk Management Inc.
Client Project #: MP-AIR SAMP
Your P.O. #: RH-MP

ANALYTICAL RESULTS

Client ID:	D1-9769	Matrix:	Air	
Bureau Veritas ID:	ASIJ78	Sample Media:	SKC226-01 Charcoal tube 150mg	
Date Sampled:	06/23/2025	Air Volume (L):	956.7	
ANALYTE	Mass ug	Concentration mg/m3 ppm	RL ug Test Method	Date Analyzed
Dimethyl disulfide	<1.0	<0.0010 <0.00027	1.0 OSHA PV 2210	07/10/2025
RL = Reporting Limit				

Client ID:	D2-9831	Matrix:	Air	
Bureau Veritas ID:	ASIJ79	Sample Media:	SKC226-01 Charcoal tube 150mg	
Date Sampled:	06/23/2025	Air Volume (L):	978.4	
ANALYTE	Mass ug	Concentration mg/m3 ppm	RL ug Test Method	Date Analyzed
Dimethyl disulfide	<1.0	<0.0010 <0.00027	1.0 OSHA PV 2210	07/10/2025
RL = Reporting Limit				

Client ID:	D3-9900	Matrix:	Air			
Bureau Veritas ID:	ASIJ80	Sample Media:	SKC226-01 Charcoal tube 150mg			
Date Sampled:	06/23/2025	Air Volume (L):	925.8			
	Mass	Concentration	RL		Date	
ANALYTE	ug	mg/m3	ppm	ug	Test Method	Analyzed
Dimethyl disulfide	<1.0	<0.0011	<0.00028	1.0	OSHA PV 2210	07/10/2025
RL = Reporting Limit						

Client ID:	D4-9522	Matrix:	Air	
Bureau Veritas ID:	ASIJ81	Sample Media:	SKC226-01 Charcoal tube 150mg	
Date Sampled:	06/23/2025	Air Volume (L):	919.4	
ANALYTE	Mass ug	Concentration mg/m3 ppm	RL ug Test Method	Date Analyzed
Dimethyl disulfide	<1.0	<0.0011 <0.00028	1.0 OSHA PV 2210	07/10/2025
RL = Reporting Limit				

Client ID:	D5-0020	Matrix:	Air	
Bureau Veritas ID:	ASIJ82	Sample Media:	SKC226-01 Charcoal tube 150mg	
Date Sampled:	06/23/2025	Air Volume (L):	918.5	
ANALYTE	Mass ug	Concentration mg/m3 ppm	RL ug Test Method	Date Analyzed
Dimethyl disulfide	<1.0	<0.0011 <0.00028	1.0 OSHA PV 2210	07/10/2025
RL = Reporting Limit				



BUREAU
VERITAS

Bureau Veritas Job #: C575780
Report Date: 07/14/2025

RHP Risk Management Inc.
Client Project #: MP-AIR SAMP
Your P.O. #: RH-MP

ANALYTICAL RESULTS

Client ID:	D6-9588	Matrix:	Air		
Bureau Veritas ID:	ASIJ83	Sample Media:	SKC226-01 Charcoal tube 150mg		
Date Sampled:	06/23/2025	Air Volume (L):	877.9		
ANALYTE	Mass ug	Concentration mg/m3 ppm	RL ug	Test Method	Date Analyzed
Dimethyl disulfide	<1.0	<0.0011 <0.00030	1.0	OSHA PV 2210	07/10/2025
RL = Reporting Limit					

Client ID:	D7-0237	Matrix:	Air			
Bureau Veritas ID:	ASIJ84	Sample Media:	SKC226-01 Charcoal tube 150mg			
Date Sampled:	06/23/2025					
	Mass	Concentration	RL		Date	
ANALYTE	ug	mg/m3	ppm	ug	Test Method	Analyzed
Dimethyl disulfide	<1.0	N/A	N/A	1.0	OSHA PV 2210	07/10/2025
RL = Reporting Limit						

Client ID:	E1-3679	Matrix:	Air	
Bureau Veritas ID:	ASIJ85	Sample Media:	SKC226-10 Silica Gel, 225mg	
Date Sampled:	06/23/2025	Air Volume (L):	31.6	
	Mass	Concentration	RL	Date
ANALYTE	ug	mg/m3 ppm	ug	Test Method Analyzed
Dimethylamine	<3.0	<0.095 <0.051	3.0	NIOSH 2010 07/07/2025
RL = Reporting Limit				

Client ID:	E2-3670	Matrix:	Air
Bureau Veritas ID:	ASIJ86	Sample Media:	SKC226-10 Silica Gel, 225mg
Date Sampled:	06/23/2025	Air Volume (L):	32
</			

Client ID:	E3-3674	Matrix:	Air	
Bureau Veritas ID:	ASIJ87	Sample Media:	SKC226-10 Silica Gel, 225mg	
Date Sampled:	06/23/2025	Air Volume (L):	28.4	
	Mass	Concentration	RL	Date
ANALYTE	ug	mg/m3 ppm	ug Test Method	Analyzed
Dimethylamine	<3.0	<0.11 <0.057	3.0 NIOSH 2010	07/07/2025
RL = Reporting Limit				



BUREAU
VERITAS

Bureau Veritas Job #: C575780
Report Date: 07/14/2025

RHP Risk Management Inc.
Client Project #: MP-AIR SAMP
Your P.O. #: RH-MP

ANALYTICAL RESULTS

Client ID:	E4-3671	Matrix:	Air	
Bureau Veritas ID:	ASIJ88	Sample Media:	SKC226-10 Silica Gel, 225mg	
Date Sampled:	06/23/2025	Air Volume (L):	27.5	
ANALYTE	Mass ug	Concentration mg/m3 ppm	RL ug Test Method	Date Analyzed
Dimethylamine	<3.0	<0.11 <0.059	3.0 NIOSH 2010	07/07/2025
RL = Reporting Limit				

Client ID:	E5-4089	Matrix:	Air	
Bureau Veritas ID:	ASIJ89	Sample Media:	SKC226-10 Silica Gel, 225mg	
Date Sampled:	06/23/2025	Air Volume (L):	29.3	
ANALYTE	Mass ug	Concentration mg/m3 ppm	RL ug Test Method	Date Analyzed
Dimethylamine	<3.0	<0.10 <0.056	3.0 NIOSH 2010	07/07/2025
RL = Reporting Limit				

Client ID:	E6-3672	Matrix:	Air
Bureau Veritas ID:	ASIJ90	Sample Media:	SKC226-10 Silica Gel, 225mg
Date Sampled:	06/23/2025	Air Volume (L):	29.4
ANALYTE	Mass ug	Concentration mg/m3 ppm	RL ug Test Method Date Analyzed
Dimethylamine	<3.0	<0.10 <0.055	3.0 NIOSH 2010 07/07/2025
RL = Reporting Limit			

Client ID:	E7-3678	Matrix:	Air	
Bureau Veritas ID:	ASIJ91	Sample Media:	SKC226-10 Silica Gel, 225mg	
Date Sampled:	06/23/2025			
ANALYTE	Mass ug	Concentration mg/m3 ppm	RL ug Test Method	Date Analyzed
Dimethylamine	<3.0	N/A N/A	3.0 NIOSH 2010	07/07/2025
RL = Reporting Limit				



BUREAU
VERITAS

Bureau Veritas Job #: C575780
Report Date: 07/14/2025

RHP Risk Management Inc.
Client Project #: MP-AIR SAMP
Your P.O. #: RH-MP

GENERAL COMMENTS

Unless otherwise noted below the following statements apply: 1) all samples were received in acceptable condition, 2) all quality control results associated with this sample set were within acceptable limits and /or do not adversely affect the reported results and 3) the industrial hygiene results have not been blank corrected.

The client provided their pertinent field sampling data on the analysis request paperwork submitted with the samples. Results apply to the sample as received.

Results relate only to the items tested.

C575780

**BUREAU
VERITAS**

Detroit Lab
22345 Roethel Drive
Novi, MI 48375
(800) 806-5887
(248) 344-2652
FAX (248) 344-2655

Chicago Lab
95 Oakwood Road
Lake Zurich, IL 60047
(888) 576-7522
(847) 726-3320
FAX (847) 726-3323

CONTACT LAB IN ADVANCE

Need Results by: _____ / _____ / _____

RUSH Charges Authorized? ☐ Yes ☐ No

(If yes, Initial here) _____

☒ Email Results to rhervey@rhpri'sk.com

REPORT RESULTS TO	Name ROD HARVEY		Client Job No. MP-Air Samp		☒ PO # RA-MP		☐ Call for Credit Card Information		☒ Direct Bill										
	Company RHP Risk Management		Dept.		Name Lise Johnson		LJohnson@rhp-risk.com												
	Mailing Address 8445 W. Higgins Road, Suite 320				Company														
	City, State, Zip Chicago, IL 60631				Address SAME														
Telephone No. 630-908-0089		FAX No. -				City, State, Zip													
Special instructions and/or specific regulatory requirements: (method, limit of detection, etc.)					ANALYSIS REQUESTED (Enter an 'X' in the box below to indicate request. Enter a 'P' if Preservative added.)														
					Dimethyl Disulfide Dimethylamine														
CLIENT SAMPLE IDENTIFICATION		DATE SAMPLED	MINUTES SAMPLED	MATRIX/MEDIA	AIR VOLUME (specify units)	FOR LAB USE ONLY													
D1-9769		6/23/25	468		956.7	X													
D2-9831			466		978.4	X													
D3-9900			461		925.8	X													
D4-9522			456		919.4	X													
D5-0020			455		918.5	X													
D6-9588			452		877.9	X													
D7-0237			-		BLANK	X													
E1-3679			293		31.6		X												
E2-3670			281		32.0		X												
E3-3674			273		28.4		X												
E4-3671			271		27.5		X												
E5-4089			266		29.3		X												
CHAIN OF CUSTODY	Collected by: ROD HARVEY		(print)		Collector's Signature: [Signature]														
	Relinquished by: ROD HARVEY		Date/Time: 6/24/25 1500		Received by:										Date/Time				
	Relinquished by:		Date/Time		Received by:										Date/Time				
	Method of Shipment:				Received at Lab by: [Signature]										Date/Time 6/25/25				
Authorized by:					Date					Sample Condition Upon Receipt: ☒ Acceptable ☐ Other (explain) 1202									

For Bureau Veritas Use Only
Bureau Veritas Lab Project No.



**BUREAU
VERITAS**

Detroit Lab
22345 Roethel Drive
Novi, MI 48375
(800) 806-5887
(248) 344-2652
FAX (248) 344-2655

Chicago Lab
95 Oakwood Road
Lake Zurich, IL 60047
(888) 576-7522
(847) 726-3320
FAX (847) 726-3323

CONTACT LAB IN ADVANCE

Need Results by: _____ / _____ / _____

RUSH Charges Authorized? ☐ Yes ☐ No

(If yes, Initial here) _____

☐ **Email Results to** _____[illegible]



GALSON

Rod Harvey
RHP Risk Management Inc.
8745 W. Higgins Rd.
Suite 320
Chicago, IL 60631

July 02, 2025

Account# 29703

Login# L664955

Dear Rod Harvey:

Enclosed are the analytical results for the samples received by our laboratory on June 25, 2025. All samples on the chain of custody were received in good condition unless otherwise noted. Any additional observations will be noted on the chain of custody.

Please contact client services at (888) 432-5227 if you would like any additional information regarding this report. Thank you for using SGS Galson.

Sincerely,

SGS Galson

A handwritten signature in black ink that reads 'Lisa Swab'. The signature is written in a cursive, flowing style.

Lisa Swab
Laboratory Director

Enclosure(s)

Terms and Conditions & General Disclaimers

- This document is issued by the Company under its General Conditions of Service accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.
- Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Analytical Disclaimers

- Unless otherwise noted within the report, all quality control results associated with the samples were within established control limits or did not impact reported results.
- Note: The findings recorded within this report were drawn from analysis of the sample(s) provided to the laboratory by the Client (or a third party acting at the Client's direction). The laboratory does not have control over the sampling process, including but not limited to the use of field equipment and collection media, as well as the sampling duration, collection volume or any other collection parameter used by the Client. The findings herein constitute no warranty of the sample's representativeness of any sampled environment, and strictly relate to the samples as they were presented to the laboratory. For recommended sampling collection parameters, please refer to the Sampling and Analysis Guide at www.sgsgalson.com.
- Unrounded results are carried through the calculations that yield the final result and the final result is rounded to the number of significant figures appropriate to the accuracy of the analytical method. Please note that results appearing in the columns preceding the final result column may have been rounded and therefore, if carried through the calculations, may not yield an identical final result to the one reported.
- The stated LOQs for each analyte represent the demonstrated LOQ concentrations prior to correction for desorption efficiency (if applicable).
- Unless otherwise noted within the report, results have not been blank corrected for any field blank or method blank data.

Accreditations SGS Galson holds a variety of accreditations and recognitions. Our quality management system conforms with the requirements of ISO/IEC 17025. Where applicable, samples may also be analyzed in accordance with the requirements of ELAP, NELAC, or LELAP under one of the state accrediting bodies listed below. Current Scopes of Accreditation can be viewed at <http://www.sgsgalson.com> in the accreditations section of the "About" page. To determine if the analyte tested falls under our scope of accreditation, please visit our website or call Client Services at (888) 432-5227.

National/International	Accreditation/Recognition	Lab ID#	Program/Sector
AIHA-LAP, LLC - IHLAP, ELLAP, EMLAP	ISO/IEC 17025 and USEPA NLLAP	Lab ID 100324	Industrial Hygiene, Environmental Lead, Environmental Microbiology

State	Accreditation/Recognition	Lab ID#	Program/Sector
New York (NYSDOH)	ELAP and NELAC (TNI)	Lab ID: 11626	Air Analysis, Solid and Hazardous Waste
Louisiana (LDEQ)	LELAP	Lab ID: 04083	Air Analysis, Solid Chemical Materials

Legend

< - Less than	mg - Milligrams	MDL - Method Detection Limit	ppb - Parts per Billion
> - Greater than	ug - Micrograms	NA - Not Applicable	ppm - Parts per Million
l - Liters	m3 - Cubic Meters	NS - Not Specified	ppbv - ppb Volume
LOQ - Limit of Quantitation	kg - Kilograms	ND - Not Detected	ppmv - ppm Volume
ft2 - Square Feet	cm2 - Square Centimeters	in2 - Square Inches	ng - Nanograms



GALSON

LABORATORY ANALYSIS REPORT

6601 Kirkville Road
East Syracuse, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.sgsgalson.com

Client : RHP Risk Management Inc.
Site : NS
Project No. : MP-PRESTIGE
Date Sampled : 23-JUN-25
Date Received : 25-JUN-25

Account No.: 29703
Login No. : L664955
Date Analyzed : 01-JUL-25
Report ID : 1504920

Acetaldehyde

<u>Sample ID</u>	<u>Lab ID</u>	<u>Air Vol</u> <u>liter</u>	<u>Front</u> <u>ug</u>	<u>Back</u> <u>ug</u>	<u>Total</u> <u>ug</u>	<u>Conc</u> <u>mg/m3</u>	<u>ppm</u>
A1-60436	L664955-1	15.2	<0.10	<0.10	<0.10	<0.0066	<0.0037
A2-60435	L664955-2	15.8	<0.10	<0.10	<0.10	<0.0063	<0.0035
A3-60434	L664955-3	14.2	<0.10	<0.10	<0.10	<0.0070	<0.0039
A4-60433	L664955-4	12.8	<0.10	<0.10	<0.10	<0.0078	<0.0043
A5-60432	L664955-5	12.6	<0.10	<0.10	<0.10	<0.0079	<0.0044
A6-60431	L664955-6	11.4	<0.10	<0.10	<0.10	<0.0088	<0.0049
A7-60437	L664955-7	NA	<0.10	<0.10	<0.10	NA	NA

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Level of Quantitation: 0.10 ug
Analytical Method : mod. NIOSH 2016; HPLC/UV
Collection Media : ORB0555

Submitted by: SJM
Date : 02-JUL-25
Supervisor : SMM

Approved by: BGR



GALSON

LABORATORY ANALYSIS REPORT

6601 Kirkville Road
East Syracuse, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.sgsgalson.com

Client : RHP Risk Management Inc.
Site : NS
Project No. : MP-PRESTIGE
Date Sampled : 23-JUN-25
Date Received : 25-JUN-25

Account No.: 29703
Login No. : L664955
Date Analyzed : 30-JUN-25 - 01-JUL-25
Report ID : 1504583

Phenol

<u>Sample ID</u>	<u>Lab ID</u>	<u>Air Vol</u> <u>liter</u>	<u>Front</u> <u>ug</u>	<u>Back</u> <u>ug</u>	<u>Total</u> <u>ug</u>	<u>Conc</u> <u>mg/m3</u>	<u>ppm</u>
H1-60436	L664955-8	25.7	<1.0	<1.0	<1.1	<0.041	<0.011
H2-60435	L664955-9	24.2	<1.0	<1.0	<1.1	<0.043	<0.011
H3-60434	L664955-10	27.01	<1.0	<1.0	<1.1	<0.039	<0.010
H4-60433	L664955-11	25.9	<1.0	<1.0	<1.1	<0.041	<0.011
H5-60432	L664955-12	24.9	<1.0	<1.0	<1.1	<0.042	<0.011
H6-60431	L664955-13	26.3	<1.0	<1.0	<1.1	<0.040	<0.010
H7-60437	L664955-14	NA	<1.0	<1.0	<1.1	NA	NA

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Level of Quantitation: 1.0 ug
Analytical Method : mod. OSHA 32; HPLC/UV
Collection Media : 226-95

Submitted by: KJA
Date : 02-JUL-25
Supervisor : SMM

Approved by: BGR



GALSON

LABORATORY FOOTNOTE REPORT

6601 Kirkville Road
East Syracuse, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.sgsgalson.com

Client Name : RHP Risk Management Inc.
Site :
Project No. : MP-PRESTIGE

Date Sampled : 23-JUN-25
Date Received: 25-JUN-25
Date Analyzed: 30-JUN-25 - 01-JUL-25

Account No.: 29703
Login No. : L664955

L664955 (Report ID: 1504583):

Total ug corrected for a desorption efficiency of 95%.
SOPs: LC-SOP-10(11)

L664955 (Report ID: 1504583):

Accuracy and mean recovery data presented below is based on a 95% confidence interval (k=2). The estimated accuracy applies to the media, technology, and SOP referenced in this report and does not account for the uncertainty associated with the sampling process. The accuracy is based solely on spike recovery data from internal quality control samples. Where N/A appears below, insufficient data is available to provide statistical accuracy and mean recovery values for the associated analyte.

Parameter	Accuracy	Mean Recovery
Phenol	+/-15%	97.5%

L664955 (Report ID: 1504920):

Total ug corrected for a desorption efficiency of 100%.
SOPs: LC-SOP-4(28)

L664955 (Report ID: 1504920):

Accuracy and mean recovery data presented below is based on a 95% confidence interval (k=2). The estimated accuracy applies to the media, technology, and SOP referenced in this report and does not account for the uncertainty associated with the sampling process. The accuracy is based solely on spike recovery data from internal quality control samples. Where N/A appears below, insufficient data is available to provide statistical accuracy and mean recovery values for the associated analyte.

Parameter	Accuracy	Mean Recovery
Acetaldehyde	+/-13.8%	101%

1ZV0M39T0101051421

Date: 06/25/25

Shipper: UPS

Initials: AMF



Prep: UNKNOWN

L664955

6

CHAIN OF CUSTODY

Turn Around Time (TAT)	surchage	Client Acct No.: 29703	Report To: <u>Rod Harvey</u>	Invoice To: <u>Lisa Johnson</u>
☒ <u>Amf</u> Standard 0%		Original Prep No.: PSY786043	Company Name: <u>RHP Risk Management Inc.</u>	Company Name: <u>RHP Risk Management Inc.</u>
☐ 4 Business Days 35%		Online COC No.: 326068	Address 1: <u>8745 W. Higgins Rd.</u>	Address 1: <u>8745 W. Higgins Rd.</u>
☐ 3 Business Days 50%			Address 2: <u>Suite 320</u>	Address 2: <u>Suite 320</u>
☐ 2 Business Days 75%			City, State Zip: <u>Chicago, IL 60631</u>	Company Name: <u>Chicago, IL 60631</u>
☐ Next Day by 6pm 100%			Phone No.: <u>773-867-6004</u>	Phone No.: <u>773-867-6008</u>
☐ Next Day by Noon 150%			Cell No.: _____	Email Address: <u>accounting@rhprisk.com</u>
☐ Same Day 200%			Email reports to: <u>rharvey@rhprisk.com</u>	Comments: _____
			Email EDD to: _____	P.O. No.: <u>RH-MOUNT PROSPECT</u>
			Comments: _____	Payment info.: ☐ I will call SGS to provide credit card info
				☐ Card on File (enter the last five digits on the line below)

Comments:

State Sampled:

☐ MSHA

Site Name:

Project:

MP-Prestige

Sampled By:

List description of industry or Processes/Interfaces present in sampling area:

Sample ID (Maximum of 20 Characters)	Date Sampled	Collection Medium	Sample Volume Sample Time Sample Area	Liters Minutes in ² , cm ² , ft ²	Analysis Requested	Method Reference	Internal Notes
A1-60436	6/23/25	ORBO 555, DPNH-treated silica gel	15.2	Liters	Acetaldehyde	mod. NIOSH 2016; HPLC/UV	
A2-60435	L	ORBO 555, DPNH-treated silica gel	15.8	Liters	Acetaldehyde	mod. NIOSH 2016; HPLC/UV	
A3-60434	L	ORBO 555, DPNH-treated silica gel	14.2	Liters	Acetaldehyde	mod. NIOSH 2016; HPLC/UV	

☐ If the method(s) indicated on the COC are not our routine/preferred method(s), we will substitute our routine/preferred methods. If this is not acceptable, check here to have us contact you.

Chain of Custody	Print Name / Signature	Date	Time		Print Name / Signature	Date	Time
Relinquished By:	<u>ROD HARVEY</u>	<u>6/24/25</u>	<u>1500</u>	Received By:	<u>Ava Ferreira</u>	<u>6/25/25</u>	<u>1100</u>
Relinquished By:				Received By:			

Samples received after 3pm will be considered as next day's business.

Online COC No.: 326068

Prep No.: PSY786043

Account No.: 29703

Finalized:

All services are rendered in accordance with the applicable SGS General Conditions of Service accessible via: <http://www.sgs.com/en/Terms-and-Conditions.aspx>



CHAIN OF CUSTODY

Comments:

Sample ID (Maximum of 20 Characters)	Date Sampled	Collection Medium	Sample Volume Sample Time Sample Area	Liters Minutes in ² , cm ² , ft ²	Analysis Requested	Method Reference	Internal Notes
A4-60433	6/23/25	ORBO 555, DPNH-treated silica gel	12.8	Liters	Acetaldehyde	mod. NIOSH 2016; HPLC/UV	
A5-60432		ORBO 555, DPNH-treated silica gel	12.6	Liters	Acetaldehyde	mod. NIOSH 2016; HPLC/UV	
A6-60431		ORBO 555, DPNH-treated silica gel	11.4	Liters	Acetaldehyde	mod. NIOSH 2016; HPLC/UV	
A7-60437		ORBO 555, DPNH-treated silica gel	BLANK	Liters	Acetaldehyde	mod. NIOSH 2016; HPLC/UV	
H1-60436		XAD-7 Tubes/226-95	25.7	Liters	Phenol	mod. OSHA 32; HPLC/UV	
H2-60435		XAD-7 Tubes/226-95	24.2	Liters	Phenol	mod. OSHA 32; HPLC/UV	
H3-60434		XAD-7 Tubes/226-95	27.01	Liters	Phenol	mod. OSHA 32; HPLC/UV	
H4-60433		XAD-7 Tubes/226-95	25.9	Liters	Phenol	mod. OSHA 32; HPLC/UV	
H5-60432		XAD-7 Tubes/226-95	24.9	Liters	Phenol	mod. OSHA 32; HPLC/UV	
H6-60431		XAD-7 Tubes/226-95	26.3	Liters	Phenol	mod. OSHA 32; HPLC/UV	

☐ If the method(s) indicated on the COC are not our routine/preferred method(s), we will substitute our routine/preferred methods. If this is not acceptable, check here to have us contact you.

Chain of Custody	Print Name / Signature	Date	Time		Print Name / Signature	Date	Time
Relinquished By:	Rob Horwey [Signature]	6/24/25	1500	Received By:	Ava Ferreira [Signature]	6/25/25	1100
Relinquished By:				Received By:			

Samples received after 3pm will be considered as next day's business.

Online COC No. :326068

Prep No. :PSY786043

Account No. :29703

Finalized :

All services are rendered in accordance with the applicable SGS General Conditions of Service accessible via: <http://www.sgs.com/en/Terms-and-Conditions.aspx>



CHAIN OF CUSTODY

Comments:

Sample ID (Maximum of 20 Characters)	Date Sampled	Collection Medium	Sample Volume Sample Time Sample Area	Liters Minutes in ² , cm ² , ft ²	Analysis Requested	Method Reference	Internal Notes
H7-60437	6/23/25	XAD-7 Tubes/226-95	BLANK		Phenol	mod. OSHA 32; HPLC/UV	

☐ If the method(s) indicated on the COC are not our routine/preferred method(s), we will substitute our routine/preferred methods. If this is not acceptable, check here to have us contact you.

Chain of Custody	Print Name / Signature	Date	Time		Print Name / Signature	Date	Time
Relinquished By:	Rob Harvey	6/24/25	1500	Received By:	Ava Ferreira	6/25/25	1100
Relinquished By:				Received By:			

Samples received after 3pm will be considered as next day's business.

Online COC No. :326068

Prep No. :PSY786043

Account No. :29703

Finalized :

All services are rendered in accordance with the applicable SGS General Conditions of Service accessible via: <http://www.sgs.com/en/Terms-and-Conditions.aspx>

Laboratory Pump Calibration Data

Pump Calibration Record:

PSY786043

Page 1

[illegible]☐ Box checked if calibrated with a Dry-Cal.

Postal: Place the red Post Calibration Required sticker on any pumps that require Laboratory Post Calibration. A \$10.00 per pump fee will be added to the client's account for this service. Post calibrations performed by SGS Galson will be utilized if either a) post-calibration is outside 5% of pre-calibration or b) average of pre- and post-calibration flow rates is outside of 5% of target flow rate. (For flow rates below 0.1 L/min, we will use 10% criteria due to the limitation of calibrator precision.) Sample-pump correlations must be provided by client in order to apply post-calibration. Pumps post calibrated by SGS Galson are not performed with the sampling matrix in line and may not account for loss of pressure during sampling.

Page 9 of 9 Report Reference:1 Generated:02-JUL-25 10:45



**Wisconsin Occupational
Health Laboratory**

WISCONSIN STATE LABORATORY OF HYGIENE
UNIVERSITY OF WISCONSIN-MADISON

2601 Agriculture Drive
Madison, WI 53718
Phone: (800) 446-0403
Web: wohl-lab.org
AIHA LAP, LLC Laboratory ID: LAP-101070

ALLISON PERSING
RHP RISK MANAGEMENT, INC
8745 W HIGGINS RD
STE 320
CHICAGO, IL 60631

Lab Workorder ID 798189
Visit/Project ID MP-AIR SAMPLING
PO MP-RH
Received June 25, 2025
Reported June 30, 2025
Report ID 13029206

Previous Report IDs

Dear ALLISON PERSING:

Enclosed are the analytical results for sample(s) received by the laboratory on June 25, 2025. All samples/specimens received by the laboratory were acceptable for testing. Sample results were not blank corrected, and all quality control met laboratory standards unless otherwise noted in the report narrative. All results apply to the samples as received and reported concentrations were calculated with information supplied by the sample submitter.

Please contact the lab if you have any questions concerning this report.

Sincerely,

Steve Strebel, Laboratory Director

Analyst - JOHN GLOWACKI



Final Report

Lab ID: 798189001	Sample ID: B1-0919	Media: OVS-2 tube (fiberglass filter with xad-2 resin)
Sampling Date: 6/23/2025	Matrix: Air	Sampled Time:

RESULTS									
Analyte	Method	Analysis Date	Air Volume	Reporting Limit	Front	Rear	Total	Air Concentration	TWA
Adipic Acid	IN-HOUSE WL082	6/27/2025	73.5 L	30 ug	<30 ug	<30 ug	<30 ug	<0.41 mg/m3	<0.068 ppm

Lab ID: 798189002	Sample ID: B2-0839	Media: OVS-2 tube (fiberglass filter with xad-2 resin)
Sampling Date: 6/23/2025	Matrix: Air	Sampled Time:

RESULTS									
Analyte	Method	Analysis Date	Air Volume	Reporting Limit	Front	Rear	Total	Air Concentration	TWA
Adipic Acid	IN-HOUSE WL082	6/27/2025	47.3 L	30 ug	<30 ug	<30 ug	<30 ug	<0.63 mg/m3	<0.11 ppm

Lab ID: 798189003	Sample ID: B3-0949	Media: OVS-2 tube (fiberglass filter with xad-2 resin)
Sampling Date: 6/23/2025	Matrix: Air	Sampled Time:

RESULTS									
Analyte	Method	Analysis Date	Air Volume	Reporting Limit	Front	Rear	Total	Air Concentration	TWA
Adipic Acid	IN-HOUSE WL082	6/27/2025	59.9 L	30 ug	<30 ug	<30 ug	<30 ug	<0.50 mg/m3	<0.084 ppm



Final Report

Lab ID: 798189004	Sample ID: B4-0640	Media: OVS-2 tube (fiberglass filter with xad-2 resin)
Sampling Date: 6/23/2025	Matrix: Air	Sampled Time:

RESULTS									
Analyte	Method	Analysis Date	Air Volume	Reporting Limit	Front	Rear	Total	Air Concentration	TWA
Adipic Acid	IN-HOUSE WL082	6/27/2025	52.5 L	30 ug	<30 ug	<30 ug	<30 ug	<0.57 mg/m3	<0.096 ppm

Lab ID: 798189005	Sample ID: B5-0989	Media: OVS-2 tube (fiberglass filter with xad-2 resin)
Sampling Date: 6/23/2025	Matrix: Air	Sampled Time:

RESULTS									
Analyte	Method	Analysis Date	Air Volume	Reporting Limit	Front	Rear	Total	Air Concentration	TWA
Adipic Acid	IN-HOUSE WL082	6/27/2025	51.5 L	30 ug	<30 ug	<30 ug	<30 ug	<0.58 mg/m3	<0.098 ppm

Lab ID: 798189006	Sample ID: B6-1016	Media: OVS-2 tube (fiberglass filter with xad-2 resin)
Sampling Date: 6/23/2025	Matrix: Air	Sampled Time:

RESULTS									
Analyte	Method	Analysis Date	Air Volume	Reporting Limit	Front	Rear	Total	Air Concentration	TWA
Adipic Acid	IN-HOUSE WL082	6/27/2025	44.1 L	30 ug	<30 ug	<30 ug	<30 ug	<0.68 mg/m3	<0.11 ppm

Final Report

Lab ID: 798189007	Sample ID: B7-0967	Media: OVS-2 tube (fiberglass filter with xad-2 resin)
Sampling Date: 6/23/2025	Matrix: Air	Sampled Time:

							RESULTS		
Analyte	Method	Analysis Date	Air Volume	Reporting Limit	Front	Rear	Total	Air Concentration	TWA
Adipic Acid	IN-HOUSE WL082	6/27/2025		30 ug	<30 ug	<30 ug	<30 ug	n/a	n/a

Abbreviations:

mg = milligrams ppm or ppmv = parts per million /m3 = per cubic meter
 ug = micrograms ppb or ppbv = parts per billion ng = nanograms
 < Less Than. The analyte, if present, is at a level too low to be accurately quantitated by the method used

Displayed values on report have been rounded to 2 significant figures. Please contact the laboratory if you have any questions regarding our result calculation or rounding. All samples were received by the laboratory in acceptable condition unless otherwise noted.

The results in this report apply only to the samples, specifically listed above, and tested at the Wisconsin Occupational Health Laboratory

IN-HOUSE in front of an agency method indicates that the method has been modified for use in the laboratory

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End of Analytical Report



APPENDIX D

One Page Summary

Human Health Risk Communication for 17 Compounds
Measured by Montrose Environmental

Human Health Risk Communication for 17 Compounds Measured by Montrose Environmental

Air testing at Prestige Feed exhaust discharge points and ambient air samples were collected on 1/17/24 by Montrose. The analysis indicated the presence of 17 target compounds that were evaluated against non-regulatory odor thresholds. Only one compound, butyric acid, was found at a concentration above the reported non-regulatory odor threshold. Subsequently, questions arose about potential concerns for human health effects from chronic exposure to these 17 compounds. The presence (detection) of a compound, or olfactory perception (odor) does not imply an inherent unacceptable human health risk. RHP researched toxicological data in three databases: the US EPA's Integrated Risk Information System (IRIS), CompTox, and the European Chemicals Agency (ECHA) to identify exposure levels for each chemical reported to be of non-concern [No Observed Adverse Effect Concentration (NOAEC), and Reference Concentration (RfC)] ("safe exposure levels"). RHP compared the maximum concentration measured by Montrose from the 9 sampled locations for each of the 17 compounds against these "safe exposure levels."

Key Findings:

1. Four (4) compounds were **ABOVE** a "no-effect" level for long-term (chronic) community exposure (acetaldehyde, dimethylamine, phenol, ethyl isothiocyanate). Of these, only acetaldehyde is regulated by IEPA, however, the concentration of acetaldehyde is 6,451 times less than the concentration that triggers reporting to IEPA. Environmental acetaldehyde exposure is a "possible human carcinogen" and also related to emissions from gasoline and diesel-powered vehicles. Important: The measured concentrations at the discharge points do not reflect a realistic concentration that would be experienced in the community; would be expected to be thousands of times lower from dilution. Recommendation: Prioritize these 4 compounds for further evaluation (contaminant modeling or air testing in the community).
2. No chronic exposure community health data identified, or limited information available, for 8 chemicals: Ketene, diazomethane, formamidine, acetone, pentanol, butyramide, aminopyrimidine, adipic acid ethyl ester. Recommendation: Comparative risk analysis to contextualize results. (e.g., acetone is in nail-polish remover)
3. Five (5) compounds were **BELOW** a "no-effect" level for long-term (chronic) community exposure at the discharge point. Community exposures would be even lower. Deprioritize further evaluation of these compounds from an adverse health concern perspective: Butyric acid (odor issue remains), methanol, acetonitrile, propene, dimethyl disulfide.

RHP also researched IEPA emission reporting requirements for the 17 compounds and determined 5 are regulated by reporting rules if emitted in significant quantities. Emissions from a facility are considered **de minimis, or null**, if the concentration is less than **1,000 ppm** for any carcinogen, and less than **10,000 ppm** for a non-carcinogenic compound. As seen in Table 1, all measurement values were below threshold criteria for reporting requirements and would be categorized as *de minimis*.

Table 1. Regulated Air Contaminants by the Illinois EPA that were detected at discharge points.

Compound	Max Concentration at Discharge	Carcinogen (Yes/No)	Reporting Classification
Acetaldehyde	0.155 ppm	Yes (2B)	<i>De minimis</i>
Phenol	0.137 ppm	No	<i>De minimis</i>
Acetonitrile	0.013 ppm	No	<i>De minimis</i>
Methanol	1.72 ppm	No	<i>De minimis</i>
Diazomethane	0.020 ppm	No	<i>De minimis</i>

