



# EMSL Analytical, Inc.

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<http://www.EMSL.com> / [IndustrialHygienelab@emsl.com](mailto:IndustrialHygienelab@emsl.com)

EMSL Order ID: 282500097  
Customer ID: USEP29  
Customer PO:  
Project ID:

**Attn:** Howard Schmidt  
US EPA Region 3  
4 Penn Center  
1600 JFK Blvd  
Philadelphia, PA 19103

**Phone:** (215) 814-5755  
**Fax:** (215) 814-2783  
**Collected:**  
**Received:** 12/20/2024  
**Analyzed:** 1/06/2025

**Proj:** REF.282403748 / USEPA R3 - Ivy City Project Site #000

## Test Report: Formaldehyde by NIOSH 2016M

Sample ID	Identification	Volume	Sample Weight	Sample Concentration		Reporting Limit
F-P-B-0-12162024-84 282500097-0001		9.69 L	<0.050 µg	<0.0052 mg/m <sup>3</sup>	<0.0042 ppm	0.0052 mg/m <sup>3</sup>
F-P-R-1-12162024-85A 282500097-0002		9.234 L	<0.050 µg	<0.0054 mg/m <sup>3</sup>	<0.0044 ppm	0.0054 mg/m <sup>3</sup>
F-P-R-1-12162024-75 282500097-0003		9.72 L	<0.050 µg	<0.0051 mg/m <sup>3</sup>	<0.0042 ppm	0.0051 mg/m <sup>3</sup>
F-P-R-3-12162024-77 282500097-0004		8.663 L	<0.050 µg	<0.0058 mg/m <sup>3</sup>	<0.0047 ppm	0.0058 mg/m <sup>3</sup>
F-P-R-4-12162024-78 282500097-0005		9.352 L	<0.050 µg	<0.0053 mg/m <sup>3</sup>	<0.0044 ppm	0.0053 mg/m <sup>3</sup>
F-P-R-5-12162024-79 282500097-0006		9.12 l	<0.050 µg	<0.0055 mg/m <sup>3</sup>	<0.0045 ppm	0.0055 mg/m <sup>3</sup>
F-P-C-7-12162024-81 282500097-0007		6.69 L	<0.050 µg	<0.0075 mg/m <sup>3</sup>	<0.0061 ppm	0.0075 mg/m <sup>3</sup>
F-P-C-8-12162024-82 282500097-0008		10.08 L	<0.050 µg	<0.0050 mg/m <sup>3</sup>	<0.0040 ppm	0.0050 mg/m <sup>3</sup>
F-P-C-9-12162024-83 282500097-0009		9.45 L	<0.050 µg	<0.0053 mg/m <sup>3</sup>	<0.0043 ppm	0.0053 mg/m <sup>3</sup>
F-N-FB-12162024-86 282500097-0010	Field Blank	N/A	<0.050 µg			
F-N-B-0-12172024-96 282500097-0011		9.491 L	<0.050 µg	<0.0053 mg/m <sup>3</sup>	<0.0043 ppm	0.0053 mg/m <sup>3</sup>
F-N-R-1-12172024-87 282500097-0012		9.96 L	<0.050 µg	<0.0050 mg/m <sup>3</sup>	<0.0041 ppm	0.0050 mg/m <sup>3</sup>

N/A = Not Applicable

### Analyst(s)

Claire Huynh

Owen McKenna, Chemistry Laboratory Director

Any questions please contact Owen McKenna.

Initial report from: 01/10/2025 11:57:37

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted. Sample results are blank corrected unless otherwise noted. Discernable field blank(s) submitted with samples if listed above.

Samples analyzed by EMSL Analytical - Industrial Hygiene Cinnaminson, NJ AIHA LAP, LLC-IHLAP Accredited #100194



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## Test Report: Formaldehyde by NIOSH 2016M

Sample ID	Identification	Volume	Sample Weight	Sample Concentration		Reporting Limit
F-N-R-1-12172024-97A 282500097-0013		9.296 L	<0.050 µg	<0.0054 mg/m <sup>3</sup>	<0.0044 ppm	0.0054 mg/m <sup>3</sup>
F-N-R-3-12172024-89 282500097-0014		9.02 L	<0.050 µg	<0.0055 mg/m <sup>3</sup>	<0.0045 ppm	0.0055 mg/m <sup>3</sup>
F-N-R-4-12172024-90 282500097-0015		9.529 L	<0.050 µg	<0.0052 mg/m <sup>3</sup>	<0.0043 ppm	0.0052 mg/m <sup>3</sup>
F-N-R-5-12172024-91 282500097-0016		9.541 L	<0.050 µg	<0.0052 mg/m <sup>3</sup>	<0.0043 ppm	0.0052 mg/m <sup>3</sup>
F-N-C-6-12172024-92 282500097-0017		10.14 L	<0.050 µg	<0.0049 mg/m <sup>3</sup>	<0.0040 ppm	0.0049 mg/m <sup>3</sup>
F-N-C-7-12172024-93 282500097-0018		9.213 L	<0.050 µg	<0.0054 mg/m <sup>3</sup>	<0.0044 ppm	0.0054 mg/m <sup>3</sup>
F-N-C-8-12172024-94 282500097-0019		9.633 L	<0.050 µg	<0.0052 mg/m <sup>3</sup>	<0.0042 ppm	0.0052 mg/m <sup>3</sup>
F-N-C-9-12172024-95 282500097-0020		8.56 L	<0.050 µg	<0.0058 mg/m <sup>3</sup>	<0.0048 ppm	0.0058 mg/m <sup>3</sup>
F-N-FB-12172024-98 282500097-0021	Field Blank	N/A	<0.050 µg			
Media Blank		N/A	<0.050 µg	<0.050 µg	N/A	N/A

N/A = Not Applicable

**Analyst(s)**

Claire Huynh

Owen McKenna, Chemistry Laboratory Director

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