



# EMSL Analytical, Inc.

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EMSL Order ID: 412413737  
Customer ID: USEP29  
Customer PO: 68HE0324P0015  
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:** 11/23/2024  
**Received:** 11/26/2024  
**Analyzed:** 12/03/2024

**Proj:** Ivy City Project

## Test Report: Formaldehyde by NIOSH 2016M

Sample ID	Identification	Volume	Sample Weight	Sample Concentration		Reporting Limit
F-W-B-0-11232024-59 412413737-0001		10.47 L	<0.050 µg	<0.0048 mg/m <sup>3</sup>	<0.0039 ppm	0.0048 mg/m <sup>3</sup>
F-W-R-1-11232024-60A 412413737-0002		11.191 L	<0.050 µg	<0.0045 mg/m <sup>3</sup>	<0.0036 ppm	0.0045 mg/m <sup>3</sup>
F-W-R-1-11232024-50 412413737-0003		10.83 L	<0.050 µg	<0.0046 mg/m <sup>3</sup>	<0.0038 ppm	0.0046 mg/m <sup>3</sup>
F-W-R-2-11232024-51 412413737-0004		10.77 L	<0.050 µg	<0.0046 mg/m <sup>3</sup>	<0.0038 ppm	0.0046 mg/m <sup>3</sup>
F-W-R-3-11232024-52 412413737-0005		10.77 L	<0.050 µg	<0.0046 mg/m <sup>3</sup>	<0.0038 ppm	0.0046 mg/m <sup>3</sup>
F-W-R-4-11232024-53 412413737-0006		10.59 L	<0.050 µg	<0.0047 mg/m <sup>3</sup>	<0.0038 ppm	0.0047 mg/m <sup>3</sup>
F-W-R-5-11232024-54 412413737-0007		10.65 L	<0.050 µg	<0.0047 mg/m <sup>3</sup>	<0.0038 ppm	0.0047 mg/m <sup>3</sup>
F-W-C-6-11232024-55 412413737-0008		11.07 L	<0.050 µg	<0.0045 mg/m <sup>3</sup>	<0.0037 ppm	0.0045 mg/m <sup>3</sup>
F-W-C-7-11232024-56 412413737-0009		10.92 L	<0.050 µg	<0.0046 mg/m <sup>3</sup>	<0.0037 ppm	0.0046 mg/m <sup>3</sup>
F-W-C-8-11232024-57 412413737-0010		10.95 L	<0.050 µg	<0.0046 mg/m <sup>3</sup>	<0.0037 ppm	0.0046 mg/m <sup>3</sup>
F-W-FB-11232024-61 412413737-0011	Field Blank	N/A	<0.050 µg			
F-W-B-0-11242024-71 412413737-0012		10.266 L	<0.050 µg	<0.0049 mg/m <sup>3</sup>	<0.0040 ppm	0.0049 mg/m <sup>3</sup>

N/A = Not Applicable

### Analyst(s)

Aaron Hartley

Lee Plumley, Laboratory Manager

Any questions please contact Lee Plumley.

Initial report from: 12/05/2024 09:51:32

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Samples analyzed by EMSL Analytical, Inc. Pineville, NC



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Sample ID	Identification	Volume	Sample Weight	Sample Concentration		Reporting Limit
F-W-R-1-11242024-72A 412413737-0013		10.65 L	<0.050 µg	<0.0047 mg/m <sup>3</sup>	<0.0038 ppm	0.0047 mg/m <sup>3</sup>
F-W-R-1-11242024-62 412413737-0014		10.4725 L	<0.050 µg	<0.0048 mg/m <sup>3</sup>	<0.0039 ppm	0.0048 mg/m <sup>3</sup>
F-W-R-2-11242024-63 412413737-0015		8.01 L	<0.050 µg	<0.0062 mg/m <sup>3</sup>	<0.0051 ppm	0.0062 mg/m <sup>3</sup>
F-W-R-4-11242024-65 412413737-0016		10.59 L	<0.050 µg	<0.0047 mg/m <sup>3</sup>	<0.0038 ppm	0.0047 mg/m <sup>3</sup>
F-W-R-5-11242024-66 412413737-0017		10.68 L	<0.050 µg	<0.0047 mg/m <sup>3</sup>	<0.0038 ppm	0.0047 mg/m <sup>3</sup>
F-W-C-6-11242024-67 412413737-0018		10.86 L	<0.050 µg	<0.0046 mg/m <sup>3</sup>	<0.0037 ppm	0.0046 mg/m <sup>3</sup>
F-W-C-7-11242024-68 412413737-0019		10.5905 L	<0.050 µg	<0.0047 mg/m <sup>3</sup>	<0.0038 ppm	0.0047 mg/m <sup>3</sup>
F-W-C-9-11242024-70 412413737-0020		4.9855 L	<0.050 µg	<0.010 mg/m <sup>3</sup>	<0.0082 ppm	0.010 mg/m <sup>3</sup>
F-W-FB-11242024-73 412413737-0021	Field Blank	N/A	<0.050 µg			

N/A = Not Applicable

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Aaron Hartley

Lee Plumley, Laboratory Manager

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