



EMSL Analytical, Inc.

200 Route 130 North Cinnaminson, NJ 08077
Phone/Fax: (800) 220-3675 /
<http://www.EMSL.com> / IndustrialHygienelab@emsl.com

EMSL Order ID: 282402391
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: 7/30/2024
Analyzed: 8/06/2024

Proj: 07302024-2

Test Report: Formaldehyde by NIOSH 2016M

Sample ID	Identification	Volume	Sample Weight	Sample Concentration		Reporting Limit
F-N-B-0-07262024-10 282402391-0001	0	11.22 L	<0.050 µg	<0.0045 mg/m³	<0.0036 ppm	0.0045 mg/m³
F-N-R-1-07262024-1 282402391-0002	1	10.8 L	0.062 µg	0.0057 mg/m³	0.0047 ppm	0.0046 mg/m³
F-N-R-2-07262024-2 282402391-0003	2	13.6 L	0.060 µg	0.0044 mg/m³	0.0036 ppm	0.0037 mg/m³
F-N-R-3-07262024-3 282402391-0004	3	11.79 L	0.067 µg	0.0057 mg/m³	0.0046 ppm	0.0042 mg/m³
F-N-R-4-07262024-4 282402391-0005	4	10.8075 L	0.080 µg	0.0074 mg/m³	0.0060 ppm	0.0046 mg/m³
F-N-R-5-07262024-5 282402391-0006	5	10.4675 L	0.074 µg	0.0071 mg/m³	0.0058 ppm	0.0048 mg/m³
F-N-C-6-07262024-6 282402391-0007	6	12.09 L	0.072 µg	0.0060 mg/m³	0.0048 ppm	0.0041 mg/m³
F-N-C-7-07262024-7 282402391-0008	7	12.06 L	0.058 µg	0.0048 mg/m³	0.0039 ppm	0.0041 mg/m³
F-N-C-8-07262024-8 282402391-0009	8	11.89 L	0.083 µg	0.0070 mg/m³	0.0057 ppm	0.0042 mg/m³
F-N-C-9-07262024-9 282402391-0010	9	10.836 L	<0.050 µg	<0.0046 mg/m³	<0.0038 ppm	0.0046 mg/m³
F-N-FB-07262024-23 282402391-0011	Field Blank	N/A	<0.050 µg			
F-W-B-0-07272024-20 282402391-0012	0	11.64 L	<0.050 µg	<0.0043 mg/m³	<0.0035 ppm	0.0043 mg/m³

N/A = Not Applicable

Analyst(s)

Brandon Jarmusik

Owen McKenna, Chemistry Laboratory Director

Any questions please contact Owen McKenna.

Initial report from: 08/07/2024 14:20:25

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



EMSL Analytical, Inc.

200 Route 130 North Cinnaminson, NJ 08077
Phone/Fax: (800) 220-3675 /
<http://www.EMSL.com> / IndustrialHygienelab@emsl.com

EMSL Order ID: 282402391
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: 7/30/2024
Analyzed: 8/06/2024

Proj: 07302024-2

Test Report: Formaldehyde by NIOSH 2016M

Sample ID	Identification	Volume	Sample Weight	Sample Concentration		Reporting Limit
F-W-R-1-07272024-11 282402391-0013	1	11.85 L	<0.050 µg	<0.0042 mg/m³	<0.0034 ppm	0.0042 mg/m³
F-W-R-2-07272024-12 282402391-0014	2	12.276 L	<0.050 µg	<0.0041 mg/m³	<0.0033 ppm	0.0041 mg/m³
F-W-R-3-07272024-13 282402391-0015	3	10.8625 L	<0.050 µg	<0.0046 mg/m³	<0.0037 ppm	0.0046 mg/m³
F-W-R-4-07272024-14 282402391-0016	4	11.7 L	<0.050 µg	<0.0043 mg/m³	<0.0035 ppm	0.0043 mg/m³
F-W-R-5-07272024-15 282402391-0017	5	11.85 L	<0.050 µg	<0.0042 mg/m³	<0.0034 ppm	0.0042 mg/m³
F-W-C-6-07272024-16 282402391-0018	6	12.474 L	<0.050 µg	<0.0040 mg/m³	<0.0033 ppm	0.0040 mg/m³
F-W-C-7-07272024-17 282402391-0019	7	12.411 L	<0.050 µg	<0.0040 mg/m³	<0.0033 ppm	0.0040 mg/m³
F-W-C-8-07272024-18 282402391-0020	8	11.484 L	<0.050 µg	<0.0044 mg/m³	<0.0035 ppm	0.0044 mg/m³
F-W-FB-07272024-25 282402391-0021	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)

Brandon Jarmusik

Owen McKenna, Chemistry Laboratory Director

Any questions please contact Owen McKenna.

Initial report from: 08/07/2024 14:20:25

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