

## CERTIFICATE OF ANALYSIS

This "Certificate of Analysis" represents a precleaned product that has been prepared in accordance with Performance-Based specifications. This product meets or exceeds analyte specifications established in the U. S. EPA OSWER Directive 9240.0-05A "Specification and Guidance for Contaminant-free Sample Containers" for use in Superfund and other Hazardous waste programs.

### Group 3 Volatile Organic Compounds (VOCs)

| Analyte                     | RL ug/L | Analyte                    | RL ug/L | Analyte                   | RL ug/L    |
|-----------------------------|---------|----------------------------|---------|---------------------------|------------|
| Acetone                     | 5.0 U   | trans-1,2-Dichloroethylene | 0.50 U  | n-Propylbenzene           | 0.50 U     |
| Benzene                     | 0.50 U  | 1,2-Dichloropropane        | 0.50 U  | Styrene                   | 0.50 U     |
| Bromobenzene                | 0.50 U  | 1,3-Dichloropropane        | 0.50 U  | Tert-Amyl Alcohol         | 50 U       |
| Bromochloromethane          | 0.50 U  | 2,2-Dichloropropane        | 0.50 U  | Tert-Amyl Methyl Ether    | 1.0 U      |
| Bromodichloromethane        | 0.50 U  | 1,1-Dichloropropene        | 0.50 U  | Tert-Butyl Alcohol        | 50 U       |
| Bromoform                   | 0.50 U  | cis-1,3-Dichloropropene    | 0.50 U  | 1,1,1,2-Tetrachloroethane | 0.50 U     |
| n-Butylbenzene              | 0.50 U  | trans-1,3-Dichloropropene  | 0.50 U  | 1,1,2,2-Tetrachloroethane | 0.50 U     |
| sec-Butylbenzene            | 0.50 U  | Di-Isopropyl Ether         | 0.50 U  | Tetrachloroethylene       | 0.50 U     |
| tert-Butylbenzene           | 0.50 U  | Ethyl Acetate              | 0.50 U  | Toluene                   | 0.50 U     |
| Carbon Disulfide            | 0.50 U  | Ethyl Alcohol              | 50 U    | 1,2,3-Trichlorobenzene    | 0.50 U     |
| Carbon Tetrachloride        | 0.50 U  | Ethylbenzene               | 0.50 U  | 1,2,4-Trichlorobenzene    | 0.50 U     |
| Chlorobenzene               | 0.50 U  | Ethyl Tert-Butyl Ether     | 0.50 U  | 1,1,1-Trichloroethane     | 0.50 U     |
| Chloroethane                | 0.50 U  | 2-Hexanone                 | 1.0 U   | 1,1,2-Trichloroethane     | 0.50 U     |
| Chloroform                  | 0.50 U  | Hexachlorobutadiene        | 0.50 U  | Trichloroethylene         | 0.50 U     |
| 2-Chlorotoluene (ortho)     | 0.50 U  | Isopropyl Alcohol          | 5.0 U   | Trichlorofluoromethane    | 0.50 U     |
| 4-Chlorotoluene (para)      | 0.50 U  | Isopropylbenzene           | 0.50 U  | 1,2,3-Trichloropropane    | 0.50 U     |
| Dibromochloromethane        | 0.50 U  | p-Isopropyltoluene         | 0.50 U  | 1,2,4-Trimethylbenzene    | 0.50 U     |
| 1,2-Dibromo-3-chloropropane | 0.50 U  | Methyl Acetate             | 0.50 U  | 1,3,5-Trimethylbenzene    | 0.50 U     |
| 1,2-Dibromoethane           | 0.50 U  | Methyl Bromide             | 0.50 U  | Vinyl Acetate             | 0.50 U     |
| Dichlorodifluoromethane     | 0.50 U  | Methyl Chloride            | 0.50 U  | Vinyl Chloride            | 0.50 U     |
| 1,3-Dichlorobenzene (meta)  | 0.50 U  | Methylene Bromide          | 0.50 U  | m,p-Xylene                | 1.0 U      |
| 1,2-Dichlorobenzene (ortho) | 0.50 U  | Methylene Chloride         | 0.50 U  | o-Xylene                  | 0.50 U     |
| 1,4-Dichlorobenzene (para)  | 0.50 U  | Methyl Ethyl Ketone        | 5.0 U   | Xylene (total)            | 0.50 U     |
| 1,1-Dichloroethane          | 0.50 U  | 4-Methyl-2-pentanone       | 0.50 U  | GRO (8015 C6-C10)         | 100 U      |
| 1,2-Dichloroethane          | 0.50 U  | Methyl Tert Butyl Ether    | 0.50 U  | TOC                       | 1.0 U mg/L |
| 1,1-Dichloroethylene        | 0.50 U  | Napthalene                 | 0.50 U  |                           |            |
| cis-1,2-Dichloroethylene    | 0.50 U  |                            |         |                           |            |

**NOTES:**

- RL = Reporting Limit.
- U = The analyte was analyzed for but not detected above the Reporting Limit.
- Bottles are Type III Soda Lime and vials are Type I Borosilicate.
- Vial Storage: Store at 85F or 29.4C. Keep away from organic vapors.

This "Certificate of Analysis" is provided for your records and is used to facilitate any required correspondences as needed.

Each container contains: *6 mg of Ammonium Chloride*

Barcoded: Yes

Stirbars: No

Tared Weight: No

Part Number: LY64-E100-C60X-ZS1

Date Product Prepared: 5/14/2025

Item Description: 60ml Amber Vial w/ Blue 24-414 PTFE Septa Cap

Lot Number: 051225-3BVZ

Chemical Lot No.: 232433

Protocol: B Level: 1

Chemical Expiry Date: 9/14/2028

Group: 3 (applies)

 Chief Executive Officer