

## 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 1 Containers for Semivolatile Organics

| <u>Analyte</u>              | <u>RL ug/L</u> | <u>Analyte</u>              | <u>RL ug/L</u> | <u>Analyte</u>       | <u>RL ug/L</u> |
|-----------------------------|----------------|-----------------------------|----------------|----------------------|----------------|
| 1,1'-Biphenyl               | 0.2 U          | Benzaldehyde                | 0.2 U          | 4,4'-DDD             | 0.012 U        |
| 1,2,4-Trichlorobenzene      | 0.2 U          | Benzo(a)pyrene              | 0.1 U          | 4,4'-DDE             | 0.012 U        |
| 1,2-Dichlorobenzene         | 0.2 U          | Benzo(b)fluoranthene        | 0.1 U          | 4,4'-DDT             | 0.012 U        |
| 1,3-Dichlorobenzene         | 0.2 U          | Benzo(g,h,i)perylene        | 0.1 U          | Aldrin               | 0.01 U         |
| 1,4-Dichlorobenzene         | 0.2 U          | Benzo(k)fluoranthene        | 0.1 U          | alpha-BHC            | 0.01 U         |
| 1-Methylnaphthalene         | 0.1 U          | Bis(2-chloroethoxy)methane  | 0.2 U          | beta-BHC             | 0.01 U         |
| 2,4,5-Trichlorophenol       | 0.2 U          | Bis(2-chloroethyl)ether     | 0.2 U          | Chlordane            | 0.12 U         |
| 2,4,6-Trichlorophenol       | 0.2 U          | Bis(2-chloroisopropyl)ether | 0.2 U          | delta-BHC            | 0.01 U         |
| 2,4-Dichlorophenol          | 0.2 U          | Bis(2-ethylhexyl)phthalate  | 0.2 U          | Dieldrin             | 0.012 U        |
| 2,4-Dimethylphenol          | 0.2 U          | Butyl benzyl phthalate      | 0.2 U          | Endosulfan I         | 0.01 U         |
| 2,4-Dinitrophenol           | 1 U            | Caprolactam                 | 1 U            | Endosulfan II        | 0.012 U        |
| 2,4-Dinitrotoluene          | 0.2 U          | Carbazole                   | 0.2 U          | Endosulfan sulfate   | 0.012 U        |
| 2,6-Dinitrotoluene          | 0.2 U          | Chrysene                    | 0.1 U          | Endrin               | 0.012 U        |
| 2-Chloronaphthalene         | 0.2 U          | Dibenz(a,h)anthracene       | 0.1 U          | Endrin aldehyde      | 0.012 U        |
| 2-Chlorophenol              | 0.2 U          | Dibenzofuran                | 0.2 U          | Endrin ketone        | 0.012 U        |
| 2-Methylnaphthalene         | 0.1 U          | Diethyl phthalate           | 0.2 U          | gamma-BHC (Lindane)  | 0.01 U         |
| 2-Methylphenol              | 0.2 U          | Dimethyl phthalate          | 0.2 U          | Heptachlor           | 0.01 U         |
| 2-Nitroaniline              | 0.2 U          | Di-n-butyl phthalate        | 0.2 U          | Heptachlor epoxide   | 0.01 U         |
| 2-Nitrophenol               | 0.2 U          | Di-n-octyl phthalate        | 0.2 U          | Methoxychlor         | 0.1 U          |
| 3&4-Methylphenol            | 0.2 U          | Fluoranthene                | 0.1 U          | Toxaphene            | 0.12 U         |
| 3,3'-Dichlorobenzidine      | 0.2 U          | Fluorene                    | 0.1 U          | alpha-Chlordane      | 0.01 U         |
| 3-Nitroaniline              | 0.2 U          | Hexachlorobenzene           | 0.2 U          | gamma-Chlordane      | 0.01 U         |
| 4,6-Dinitro-2-methylphenol  | 1 U            | Hexachlorobutadiene         | 0.2 U          | Aroclor 1016         | 0.12 U         |
| 4-Bromophenyl phenyl ether  | 0.2 U          | Hexachlorocyclopentadiene   | 0.2 U          | Aroclor 1221         | 0.12 U         |
| 4-Chloro-3-methylphenol     | 0.2 U          | Hexachloroethane            | 0.2 U          | Aroclor 1232         | 0.12 U         |
| 4-Chloroaniline             | 0.2 U          | Indeno(1,2,3-cd)pyrene      | 0.1 U          | Aroclor 1242         | 0.12 U         |
| 4-Chlorophenyl phenyl ether | 0.2 U          | Isophorone                  | 0.2 U          | Aroclor 1248         | 0.12 U         |
| 4-Nitroaniline              | 0.2 U          | Naphthalene                 | 0.1 U          | Aroclor 1254         | 0.12 U         |
| 4-Nitrophenol               | 1 U            | Nitrobenzene                | 0.2 U          | Aroclor 1260         | 0.12 U         |
| Acenaphthene                | 0.1 U          | N-Nitrosodimethylamine      | 0.2 U          | Aroclor 1262         | 0.12 U         |
| Acenaphthylene              | 0.1 U          | N-Nitrosodiphenylamine      | 0.2 U          | Aroclor 1268         | 0.12 U         |
| Acetophenone                | 0.2 U          | N-Nitrosodi-n-propylamine   | 0.2 U          | DRO (WIDRO C10-C28)  | 0.10 U mg/L    |
| Anthracene                  | 0.1 U          | Pentachlorophenol           | 0.2 U          | DRO (WIDRO C10-C28)  | 10.0 U mg/Kg   |
| Atrazine                    | 0.2 U          | Phenanthrene                | 0.1 U          | Oil & Grease         | 5 U mg/L       |
| Benz(a)anthracene           | 0.1 U          | Phenol                      | 0.2 U          | Phenolics            | 0.05 U mg/L    |
|                             |                | Pyrene                      | 0.1 U          | Total Organic Carbon | 1.0 U mg/L     |
|                             |                |                             |                | TPH (TX1005 C6-C35)  | 50 U mg/Kg     |

**NOTES:**

- a. RL = Reporting Limit
- b. U = The analyte was analyzed for but not detected above the Reporting Limit.
- c. Bottles are Type III Soda Lime and vials are Type I Borosilicate.
- d. Solid-top caps feature fluoropolymer resin liners. Open-top caps feature ultrasonically bonded 3.1mm (1/8") fluoropolymer resin/silicone septa.

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

Each container contains: *5 mL of Sulfuric Acid (1:1)*

Barcoded: Yes

Stirbars: No

Tared Weight: No

Part Number: LFQ032230000

Date Product Prepared: 4/28/2025

Item Description: 32oz Flint WM w/ 70-400 White PTFE Lined Cap

Lot Number: 042825-1RN

Chemical Lot No.: 24014170

Protocol: A Level: 1

Chemical Expiry Date: 7/27/2027

Group: 1 (applies)