



**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**

| Analyte                     | RL ug/L | Analyte                     | RL ug/L | Analyte              | RL ug/L      |
|-----------------------------|---------|-----------------------------|---------|----------------------|--------------|
| 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.

Barcoded:  Yes    No    Stirbars:    Yes     No    Tared Weight:    Yes     No

**Level: Quality Assured (QA) (X)**

Glassware / Plasticware received full Quality Assurance and Quality Control treatment. Containers, liners, and closures as applicable, are cleaned according to EPA recommended procedures and validated through a third party (NELAP) testing Laboratory. Each case of containers is custody sealed and labeled for traceability by Lot Number.

Part Number: QLFB15900222

Lot Number: 120125-1BNF

VWR Part No.: 89093-890

Date Product Prepared: 12/5/2025

Item Description: 250mL Boston Round Bottles

Clear, Quality Assured

Protocol: A    Level: QA

Group: 1 (applies)

Chief Executive Officer  
Manufactured for VWR International

A (Glass)  
8oz Flint Boston Round