VWR®
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# 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 | 0.5 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.

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*Barcoded:* **X** *Yes* *No* *Stirbars:* *Yes* **X** *No* *Tared Weight:* *Yes* **X** *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:** QLAB15900233

**VWR Part No.:** 89126-560

**Item Description:** 1000mL Boston Round Bottles
Amber, Quality Assured with Labels

**Protocol:** A **Level:** QA

**Group:** 1 (applies)

**Lot Number:** 100526-1CHY

**Date Product Prepared:** 10/7/2026

**Chief Executive Officer**
**Manufactured for VWR International**

A (Glass) 030626-AR
32oz Amber Boston Round