VWR®
We Enable Science

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	Naphthalene	0.50 U		
cis-1,2-Dichloroethylene	0.50 U				

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. Vial Storage: Store at 85F or 29.4C. Keep away from organic vapors.
e. 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: **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: QLFV15900034

Lot Number: 101226-3BOL

VWR Part No.: 89093-862

Date Product Prepared: 10/13/2026

Item Description: 40mL Clear Vials
Open-Top Cap, Quality Assured

Protocol: B **Level:** QA

Group: 3 (applies)

Chief Executive Officer
Manufactured for VWR International

40ml Clear Borosilicate Vial (W)