

Certificate of Analysis

QA LEVEL 1

LOT NO B3074070

DESCRIPTION 40mL Amber Screw Top Vial

CATALOG NO. 141-40A

VOLATILES QUALITY ASSURANCE

Thermo Fisher Scientific Level 1 products have been tested and found to comply with or to be lower than the EPA detection limits as stated in OSWER Directive # 9240.0-05A "Specifications and Guidance For Contaminant-Free Sample Containers 12/92".

Analyte	Reporting Limit
1,1,1-Trichloroethane	0.50
1,1,2,2-Tetrachloroethane	0.50
1,1,2-Trichloroethane	0.50
1,1-Dichloroethane	0.50
1,1-Dichloroethene	0.50
1,1-Dichloropropene	0.50
1,2,3-Trichlorobenzene	0.50
1,2,3-Trichloropropane	1.0
1,2,4-Trichlorobenzene	0.50
1,2,4-Trimethylbenzene	0.50
1,2-Dibromo-3-Chloropropane	0.50
1,2-Dibromoethane	0.50
1,2-Dichlorobenzene	0.50
1,2-Dichloroethane	0.50
1,2-Dichloroethene, Total	1.0
1,2,-Dichloropropane	0.50
1,3,5-Trimethylbenzene	0.50
1,3-Dichlorobenzene	0.50
1,3-Dichloropropane	0.50
1,4-Dichlorobenzene	0.50
2,2-Dichloropropane	0.50
2-Butanone	5.0
2-Chlorotoluene	0.50
2-Hexanone	5.0
4-Chlorotoluene	0.50
4-Methyl-2-Pentanone	5.0
Acetone	5.0
Acrylonitrile	5.0
Benzene	0.50
Bromobenzene	0.50
Bromochloromethane	0.50
Bromodichloromethane	0.50
Bromoform	1.0
Bromomethane	0.50
Carbon Disulfide	1.0
Carbon Tetrachloride	0.50
Chlorobenzene	0.50

Analyte	Reporting Limit
Chloroethane	0.50
Chloroform	0.50
Chloromethane	0.50
cis-1,2-Dichloroethene	0.50
cis-1,3-Dichloropropene	0.50
Dibromochloromethane	0.50
Dibromomethane	0.50
Dichlorodifluoromethane	0.50
di-Isopropyl Ether	0.50
Ethyl Tert-Butyl Ether	0.50
Ethylbenzene	0.50
1,1,2-Trichlorotrifluoroethane	0.50
Hexachlorobutadiene	0.50
Isopropylbenzene	0.50
m&p-Xylene	0.50
Iodomethane	0.50
Methyl Tert-Butyl Ether	0.50
Methylene Chloride	0.50
Naphthalene	0.50
n-Butylbenzene	0.50
N-Propylbenzene	0.50
o-Xylene	0.50
p-Isopropyltoluene	0.50
sec-Butylbenzene	0.50
Styrene	0.50
Tert-Amyl Methyl Ether	0.50
Tert-Butyl Alcohol	10
Tert-Butylbenzene	0.50
Tetrachloroethene	0.50
Toluene	0.50
Trans-1,2-Dichloroethene	0.50
Trans-1,3-Dichloropropene	0.50
Trichloroethene	0.50
Trichlorofluoromethane	0.50
Vinyl Acetate	1.0
Vinyl Chloride	0.50
Xylenes, Total	1.0

In addition to the above analytes, 20mL, 40 mL and 60 mL vials are certified for:

Compound
Total Organic Compound

Quantitation Limit (µg/L)
< 600 (µg/L)

Approved by: _____

Levi Nott

Levi Nott 7/17/2023
Quality Assurance

If Thermo Fisher Scientific can be of any further assistance, please call (800) 331-7425 and ask for our technical service department.

Thermo Fisher Scientific

520 N. Main Street

Miami, OK 74354

918-542-1801

www.thermoscientific.com