



Item Description: 40ML CLEAR VOA VIAL

Production Number: 00081366

Item Number: 40-EPAVCS-PC

*This is your Certificate for Thermo Scientific Certified Environmental Sample Containers product which has been prepared in accordance with Thermo Fisher Scientific Performance-Based Specifications. This product meets or exceeds volatile analyte specifications established in the U.S. EPA "Specifications and Guidance for Contaminant-Free Sample Containers" for use in Superfund and other hazardous waste programs. This product also meets or exceeds volatile analyte drinking water specifications established by U.S. EPA 40 CFR Part 141, National Primary Drinking Water Regulations, and State of California and State of Florida drinking water standards. Representative containers have been tested at periodic intervals by certified third-party laboratories in accordance with our quality procedures.*

Glass Sample Containers for use in the analysis of Volatiles

| Analyte                            | Quantitation Limit (µg/L) | Analyte                                           | Quantitation Limit (µg/L) |
|------------------------------------|---------------------------|---------------------------------------------------|---------------------------|
| Acetone                            | < 5.0                     | Ethylbenzene                                      | < 0.5                     |
| Acrylonitrile                      | < 1.0                     | Hexachlorobutadiene                               | < 0.5                     |
| Benzene                            | < 0.5                     | 2-Hexanone                                        | < 5.0                     |
| Bromobenzene                       | < 0.5                     | Iodomethane                                       | < 0.5                     |
| Bromochloromethane                 | < 0.5                     | Isopropylbenzene                                  | < 0.5                     |
| Bromodichloromethane               | < 0.5                     | m+p Xylenes                                       | < 0.5                     |
| Bromoform                          | < 0.5                     | 4-Methyl-2-pentanone                              | < 5.0                     |
| Bromomethane                       | < 0.5                     | Methyl t-butylether (MTBE)                        | < 0.5                     |
| 2-Butanone                         | < 5.0                     | Naphthalene                                       | < 0.5                     |
| Carbon Disulfide                   | < 0.5                     | n-Butylbenzene                                    | < 0.5                     |
| Carbon Tetrachloride               | < 0.5                     | Nitrobenzene                                      | < 5.0                     |
| Chlorobenzene                      | < 0.5                     | n-Propylbenzene                                   | < 0.5                     |
| Chloroethane                       | < 0.5                     | o-Xylene                                          | < 0.5                     |
| Chloroform                         | < 0.5                     | p-Isopropyltoluene                                | < 0.5                     |
| Chloromethane                      | < 0.5                     | sec-Butylbenzene                                  | < 0.5                     |
| 2-Chlorotoluene                    | < 0.5                     | Styrene                                           | < 0.5                     |
| 4-Chlorotoluene                    | < 0.5                     | tert-Butylbenzene                                 | < 0.5                     |
| cis-1,2-Dichloroethene             | < 0.5                     | Tertiary amyl methyl ether (TAME)                 | < 3.0                     |
| cis-1,3-Dichloropropene            | < 0.5                     | Tertiary butyl alcohol (TBA)                      | < 2.0                     |
| 1,2-Dibromo-3-chloropropane        | < 0.02                    | 1,1,2,2-Tetrachloroethane                         | < 0.5                     |
| Dibromochloromethane               | < 0.5                     | Tetrachloroethene                                 | < 0.5                     |
| 1,2-Dibromoethane (EDB)            | < 0.01                    | Toluene                                           | < 0.5                     |
| Dibromomethane                     | < 0.5                     | trans-1,2-Dichloroethene                          | < 0.5                     |
| 1,2-Dichlorobenzene                | < 0.5                     | trans-1,3-Dichloropropene                         | < 0.5                     |
| 1,3-Dichlorobenzene                | < 0.5                     | 1,1,2-Trichloro-1,2,2 Trifluoroethane (Freon 113) | < 0.5                     |
| 1,4-Dichlorobenzene                | < 0.5                     | 1,2,3-Trichlorobenzene                            | < 0.5                     |
| Dichlorodifluoromethane (Freon-12) | < 0.5                     | 1,2,4-Trichlorobenzene                            | < 0.5                     |
| 1,1-Dichloroethane                 | < 0.5                     | 1,1,1-Trichloroethane                             | < 0.5                     |
| 1,2-Dichloroethane                 | < 0.5                     | 1,1,2-Trichloroethane                             | < 0.5                     |
| 1,1-Dichloroethene                 | < 0.5                     | Trichloroethene                                   | < 0.5                     |
| Dichloromethane                    | < 0.5                     | Trichlorofluoromethane                            | < 0.5                     |
| 1,2-Dichloropropane                | < 0.5                     | 1,2,3-Trichloropropane                            | < 0.5                     |
| 1,3-Dichloropropane                | < 0.5                     | 1,2,4-Trimethylbenzene                            | < 0.5                     |
| 2,2-Dichloropropane                | < 0.5                     | 1,3,5-Trimethylbenzene                            | < 0.5                     |
| 1,1-Dichloropropene                | < 0.5                     | Vinyl Acetate                                     | < 0.5                     |
| Ethyl tertiary butyl ether (ETBE)  | < 3.0                     | Vinyl Chloride                                    | < 0.5                     |

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

| Analyte              | Quantitation Limit ( µg/L) |
|----------------------|----------------------------|
| Total Organic Carbon | <600                       |

Please keep this certificate for your records and to facilitate any necessary correspondence. If additional information is re quired, contact our Technical Service Department at (800) 550-4964. Thermo Scientific Environmental Sample Containers are processed in our ISO 9001 manufacturing facilities in the US. All of our processes from design to development to manufacturing meet or exceed the requirements for quality as set forth by the International Standards Organization.

Robby Ryans  
QA Department  
90037DW





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