

Bottle Type: Glass

QA Level: 1

Lot Number: 00085346

Item Number: 02912313

Item Description: 1000mL WM Clear SS Jar



Groups 1 and 2 are applicable

Fisherbrand Products 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 # 9240.005A “Specifications And Guidance For Contaminant-Free Sample Containers 12/92”. Representative containers have been tested at periodic intervals by certified third party laboratories in accordance with our quality procedures.

Group 1. Glass and HDPE Sample containers for use in the analysis of Metals

| Analyte   | Quantitation Limit ( µg/L) | Analyte            | Quantitation Limit ( µg/L) | Analyte              | Quantitation Limit ( µg/L) | Analyte           | Quantitation Limit ( µg/L) |
|-----------|----------------------------|--------------------|----------------------------|----------------------|----------------------------|-------------------|----------------------------|
| Aluminum  | <80                        | Calcium (all HDPE) | <100                       | Magnesium            | <100                       | Selenium          | <2                         |
| Antimony  | <5                         | Chromium           | <10                        | Manganese            | <10                        | Silver            | <5                         |
| Arsenic   | <2                         | Cobalt             | <10                        | Mercury              | <0.2                       | Sodium            | <500                       |
| Barium    | <20                        | Copper             | <5                         | Nickel               | <10                        | Sodium (all HDPE) | <100                       |
| Beryllium | <0.5                       | Iron               | <50                        | Potassium            | <750                       | Thallium          | <5                         |
| Cadmium   | <1                         | Lead               | <2                         | Potassium (all HDPE) | <100                       | Vanadium          | <10                        |
| Calcium   | <500                       |                    |                            |                      |                            | Zinc              | <10                        |

In addition to the above analytes, HDPE containers are certified for these analytes:

| Analyte             | Quantitation Limit ( µg/L) | Analyte  | Quantitation Limit ( µg/L) | Analyte               | Quantitation Limit ( µg/L) | Analyte | Quantitation Limit ( µg/L) |
|---------------------|----------------------------|----------|----------------------------|-----------------------|----------------------------|---------|----------------------------|
| Chloride            | <100                       | Fluoride | <20                        | Nitrite               | <50                        | Sulfate | <100                       |
| Cyanide             | <10                        | Nitrate  | <20                        | Paraquat (amber only) | <0.4                       | Sulfide | <30                        |
| Diquat (amber only) | <1.0                       |          |                            |                       |                            | Sulfite | <1000                      |

Group 2. Glass Sample Containers for use in the analysis of Semivolatiles and Pesticides/PCBs

| Analyte                    | Quantitation Limit ( µg/L) | Analyte                       | Quantitation Limit ( µg/L) | Analyte                     | Quantitation Limit ( µg/L) |
|----------------------------|----------------------------|-------------------------------|----------------------------|-----------------------------|----------------------------|
| Acenaphthene               | <5                         | Acenaphthylene                | <5                         | Anthracene                  | <5                         |
| Benzo(a)anthracene         | <5                         | Benzo(a)pyrene                | <5                         | Benzo(b)fluoranthene        | <5                         |
| Benzo(k)fluoranthene       | <5                         | Benzo(g,h,i)perylene          | <5                         | Benzoic Acid                | <20                        |
| Benzyl Alcohol             | <5                         | 4-Bromophenyl -phenylether    | <5                         | Butylbenzylphthalate        | <5                         |
| 4-Chloroaniline            | <5                         | 4-Chloro -3-methylphenol      | <5                         | bis-(2-Chloroethoxy)methane | <5                         |
| bis -(2-Chloroethyl)ether  | <5                         | bis -(2-Chloroisopropyl)ether | <5                         | 2-Chloronaphthalene         | <5                         |
| 2-Chlorophenol             | <5                         | 4-Chlorophenyl -phenylether   | <5                         | Chrysene                    | <5                         |
| Di-n-butylphthalate        | <5                         | Di-n-octylphthalate           | <5                         | Dibenzo( a,h)anthracene     | <5                         |
| Dibenzofuran               | <5                         | 1,2-Dichlorobenzene           | <5                         | 1,4-Dichlorobenzene         | <5                         |
| 1,3-Dichlorobenzene        | <5                         | 3,3'-Dichlorobenzidine        | <5                         | 2,4-Dichlorophenol          | <5                         |
| Diethylphthalate           | <5                         | Dimethylphthalate             | <5                         | 2,4-Dinitrotoluene          | <5                         |
| 4,6-Dinitro-2-methylphenol | <20                        | 2,4-Dinitrophenol             | <20                        | Fluoranthene                | <5                         |
| 2,6-Dinitrotoluene         | <5                         | bis -(2-Ethylhexyl)phthalate  | <5                         | Hexachlorobutadiene         | <5                         |
| Fluorene                   | <5                         | Hexachlorobenzene             | <5                         | Indeno(1,2,3 -cd)pyrene     | <5                         |
| Hexachlorocyclopentadiene  | <5                         | Hexachloroethane              | <5                         | 2-Methylphenol              | <5                         |
| Isophorone                 | <5                         | 2-Methylnaphthalene           | <5                         | 3-Nitroaniline              | <20                        |
| 4-Methylphenol             | <5                         | 2-Nitroaniline                | <20                        | N-Nitrosodimethylamine      | <5                         |
| 4-Nitroaniline             | <20                        | N-Nitroso-di-n-propylamine    | <5                         | Nitrobenzene                | <5                         |
| N-Nitrosodiphenylamine     | <5                         | Naphthlene                    | <5                         | Pentachlorophenol           | <20                        |
| 2-Nitrophenol              | <5                         | 4-Nitrophenol                 | <20                        | Pyrene                      | <5                         |
| Phenanthrene               | <5                         | Phenol                        | <5                         | 2,4,6 -Trichlorophenol      | <5                         |
| 1,2,4-Trichlorobenzene     | <5                         | 2,4,5-Trichlorophenol         | <20                        | Aldrin                      | <0.01                      |
| Azobenzene                 | <5                         | Carbazole                     | <5                         | Alpha -BHC                  | <0.01                      |
| 4,4-DDD                    | <0.02                      | Endosulfan II                 | <0.02                      | Beta-BHC                    | <0.01                      |
| 4,4-DDE                    | <0.02                      | Endosulfan Sulfate            | <0.02                      | Delta-BHC                   | <0.01                      |
| 4,4-DDT                    | <0.02                      | Endrin                        | <0.02                      | Gamma-BHC                   | <0.01                      |
| Dieldrin                   | <0.02                      | Endrin Aldehyde               | <0.02                      | Heptachlor Epoxide          | <0.01                      |
| Endosulfan I               | <0.01                      | Heptachlor                    | <0.01                      | Alpha-Chlordane             | <0.20                      |
| Methoxychlor               | <0.10                      | Endrin Ketone                 | <0.02                      | Aroclor-1016                | <0.20                      |
| Gamma-Chlordane            | <0.01                      | Toxaphene                     | <0.30                      | Aroclor-1242                | <0.20                      |
| Aroclor-1221               | <0.20                      | Aroclor-1232                  | <0.20                      | Aroclor-1260                | <5                         |
| Aroclor-1248               | <0.20                      | Aroclor-1254                  | <0.20                      | TPH by EPA 1664             | <50mg/kg                   |
| Aroclor-1262               | <0.20                      | Aroclor-1268                  | <0.20                      |                             |                            |
| Diesel Range Organics      | <0.2mg/L                   | Oil & Grease                  | <5.0mg/L                   |                             |                            |

Group 3. Glass Sample Containers for use in the analysis of Volatiles

| Analyte                   | Quantitation Limit ( µg/L) | Analyte                     | Quantitation Limit ( µg/L) | Analyte                 | Quantitation Limit ( µg/L) |
|---------------------------|----------------------------|-----------------------------|----------------------------|-------------------------|----------------------------|
| Acetone                   | <5                         | 1,3-Dichloropropane         | <1                         | Benzene                 | <1                         |
| 2,2-Dichloropropane       | <1                         | Bromobenzene                | <1                         | 1,2-Dichloropropane     | <1                         |
| Bromodichloromethane      | <1                         | trans -1,3 -Dichloropropene | <1                         | Bromoform               | <1                         |
| cis-1,3-Dichloropropene   | <1                         | Bromomethane                | <1                         | 1,1-Dichloropropene     | <1                         |
| 2-Butanone                | <5                         | Ethylbenzene                | <1                         | tert -Butylbenzene      | <1                         |
| Hexachlorobutadiene       | <1                         | sec-Butylbenzene            | <1                         | 2-Hexanone              | <5                         |
| n-Butylbenzene            | <1                         | Isopropylbenzene            | <1                         | Carbon Disulfide        | <1                         |
| p-Isopropyltoluene        | <1                         | Carbon Tetrachloride        | <1                         | 4-Methyl -2-pentanone   | <5                         |
| Chloromethane             | <1                         | Methylene Chloride          | <2                         | Chloroethane            | <1                         |
| 1,1,2,2-Tetrachloroethane | <1                         | Chloroform                  | <1                         | n-Propylbenzene         | <1                         |
| Dibromochloromethane      | <1                         | Styrene                     | <1                         | 2 & 4 Chlorotoluene     | <1                         |
| 1,2,3-Trichloropropane    | <1                         | 1,2-Dibromo-3-chloropropane | <1                         | Tetrachloroethene       | <1                         |
| 1,4-Dichlorobenzene       | <1                         | Toluene                     | <1                         | 1,2-Dibromoethane (EDB) | <1                         |
| 1,1,1-Trichloroethane     | <1                         | Dibromomethane              | <1                         | 1,2,4-Trichlorobenzene  | <1                         |
| Dichlorodifluoromethane   | <1                         | 1,1,2-Trichloroethane       | <1                         | 1,3-Dichlorobenzene     | <1                         |
| 1,2,3-Trichloropropane    | <1                         | 1,2-Dichlorobenzene         | <1                         | Trichloroethene         | <1                         |
| trans -1,2-Dichloroethene | <1                         | Trichlorofluoromethane      | <1                         | 1,2-Dichloroethene      | <1                         |
| Vinyl Acetate             | <5                         | 1,1-Dichloroethane          | <1                         | Bromochloromethane      | <1                         |
| Xylenes (total)           | <1                         | 1,3,5-Trimethylbenzene      | <1                         |                         |                            |
| Vinyl Chloride            | <1                         | 1,1-Dichloroethene          | <1                         |                         |                            |
|                           |                            | 1,2,4-Trimethylbenzene      | <1                         |                         |                            |
|                           |                            | cis-1,2-Dichloroethene      | <1                         |                         |                            |

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

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

If Fisher Scientific can be of any further assistance, please call 800550-4964 and ask for our Technical Service Department.  
Approved By:

Robby Ryans  
Quality Assurance

|                                                                                  |                                          |                                                                                     |
|----------------------------------------------------------------------------------|------------------------------------------|-------------------------------------------------------------------------------------|
| Bottle Type: Glass                                                               | QA Level: 1                              | Lot Number: 00085346                                                                |
| Item Number: 02912313                                                            | Item Description: 1000mL WM Clear SS Jar |                                                                                     |
|  | Groups 1 and 2 are applicable            |  |