

Chloroform, Electropure

CHCl₃ FW. 119.38
 CAS-No. 67-66-3
 Code EP1027E

Density 1 L = 1.479 Kg.
 Melting Point - 63 °C
 Boiling Point 61 °C

Specifications

| | | |
|--|----------------------------|----------|
| Assay (by GC.) | 99.8% | min. |
| Identity | Corresponds to IR spectrum | |
| Color (APHA) | 10 | max. |
| Water (by Coulometry) | 0.01% | max. |
| Acidity (mEq./g.) | 0.0005 | max. |
| Residue on Evaporation | 0.001% | max. |
| Carbonyl Compounds (as CO) | 0.005% | max. |
| Free Chlorine (Cl) | 0.0005% | max. |
| Chloride (Cl) | 0.0001% | max. |
| Acetone and Aldehyde | Passes test | |
| Acid and Chloride | Passes test | |
| Substances darkened by sulfuric acid | Passes test | |
| Suitability for use in dithizone tests | Passes test | |
| Carbon tetrachloride (GC.) | 0.01% | max. |
| Dichloromethane (GC.) | 0.01% | max. |
| Tetrachloroethylene (GC.) | 0.01% | max. |
| Trichloroethylene (GC.) | 0.01% | max. |
| Aluminium (Al) | 0.5 | ppm max. |
| Arsenic (As) | 0.02 | ppm max. |
| Barium (Ba) | 0.1 | ppm max. |
| Boron (B) | 0.02 | ppm max. |
| Cadmium (Cd) | 0.05 | ppm max. |
| Calcium (Ca) | 0.5 | ppm max. |
| Chromium (Cr) | 0.02 | ppm max. |
| Cobalt (Co) | 0.02 | ppm max. |
| Copper (Cu) | 0.02 | ppm max. |
| Gallium (Ga) | 0.02 | ppm max. |
| Germanium (Ge) | 0.02 | ppm max. |
| Gold (Au) | 0.02 | ppm max. |
| Iron (Fe) | 0.1 | ppm max. |
| Lead (Pb) | 0.05 | ppm max. |
| Lithium (Li) | 0.02 | ppm max. |
| Magnesium (Mg) | 0.1 | ppm max. |
| Manganese (Mn) | 0.02 | ppm max. |
| Nickel (Ni) | 0.02 | ppm max. |
| Potassium (K) | 0.1 | ppm max. |
| Silver (Ag) | 0.02 | ppm max. |
| Sodium (Na) | 0.5 | ppm max. |
| Strontium (Sr) | 0.05 | ppm max. |
| Tin (Sn) | 0.1 | ppm max. |
| Zinc (Zn) | 0.1 | ppm max. |

Stabilized with about 1% ethanol.

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