



Certificate of Analysis.

Ethylene Glycol Semi Conductor Grade.

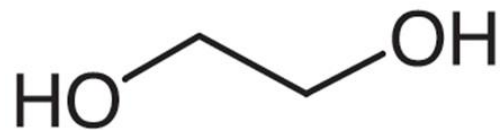
Product code:	BS13991.
Description:	Ethylene Glycol Semi Conductor Grade.
Chemical Name:	1,2-Dihydroxyethane.
Pack Size:	1 lit.
CAS NO.:	107-21-1.
Mol. Weight:	62.07 g/mol.
Mol. Formula:	C₂H₆O₂.
MDL Number:	MFCD00002885.
Melting Point:	-13 °C.
Boiling Point:	196 °C.
Density:	1.113 g/cm³.
Solubility:	Soluble in water.
Storage:	Store at Ambient temperature.
LOT NO.:	Sample.
Manufacture Date:	Lot specific.
Expiry Date:	5 years.

Characteristics	Specification	Result
Appearance:	Colorless to Almost colorless clear liquid.	Lot specific.
Water:	Max. 0.2 %.	Lot specific.
Free Acid:	< 50 ppm.	Lot specific.
Color:	Max.10 HAZEN.	Lot specific.
Chloride (Cl):	Max. 5 ppm.	Lot specific.
Aluminium (Al):	Max. 200 ppb.	Lot specific.
Barium (Ba):	Max. 100 ppb.	Lot specific.
Boron (B):	Max. 50 ppb.	Lot specific.
Calcium (Ca):	Max. 500 ppb.	Lot specific.
Chromium (Cr):	Max. 50 ppb.	Lot specific.
Copper (Cu):	Max. 50 ppb.	Lot specific.
Gold (Au):	Max. 50 ppb.	Lot specific.
Iron (Fe):	Max. 200 ppb.	Lot specific.
Lead (Pb):	Max. 100 ppb.	Lot specific.
Lithium (Li):	Max. 100 ppb.	Lot specific.
Magnesium (Mg):	Max. 100 ppb.	Lot specific.
Manganese (Mn):	Max. 100 ppb.	Lot specific.
Nickel (Ni):	Max. 100 ppb.	Lot specific.



Potassium (K):	Max. 300 ppb.	Lot specific.
Sodium (Na):	Max. 800 ppb.	Lot specific.
Tin (Sn):	Max. 100 ppb.	Lot specific.
Titanium (Ti):	Max. 100 ppb.	Lot specific.
Zinc (Zn):	Max. 400 ppb.	Lot specific.
Purity by GC:	Min. 99%.	Lot specific.

Please Note: - This material is only for laboratory purpose and not for human consumption. This is a computer generated COA, no stamp or signature is required.



Dr.K. Deepti.
Technical Head.

