



# PRODUCT TECHNICAL SPECIFICATIONS

## ETHYLENE GLYCOL INDUSTRIAL GRADE (HOCH<sub>2</sub>CH<sub>2</sub>OH)

IUPAC ethan-1,2-diol 1,2- ethanediol

EC Number 203-473-3 CAS #107-21-1

PARAMETER	SPECIFICATION	TEST METHOD	TYPICAL
Ethylene Glycol, wt. %	99.8 min.	ASTM E2409	99.9
Other Glycols, Oligomers wt. %	0.2 max.	ASTM E2409	0.1
Acidity, as Acetic Acid, wt. %	0.005	ASTM D1613	0.005
Relative Density @ 20°C	1.113 - 1.118	ASTM D1122	1.114
Water, wt. %	0.10 max	ASTM E203	0.04
Boil Pt.	197.3 C/ 387.4 F		197.3
Refractive Index @ 20°C	1.4305- 1.4330	ASTM D1218	1.4315
Colour (APHA)	10 max	ASTM D1209	7
Chlorides, ppm	1.0 max	ASTM E2469	0.5
Iron, ppm	1.0 max	ASTM E394	0.5
Ash, wt. %	0.005	ASTM D1119	0.005