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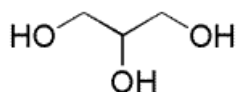
Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications



Catalogue Number 30144

Product **Glycerol**
1,2,3-Propanetriol
1,2,3-Trihydroxypropane

CAS Number 56-81-5

Molecular Formula C₃H₈O₃

Molecular Weight 92.09

Appearance Clear, Free of suspended solid

Specific Gravity 1.249 - 1.263

Heavy Metals ≤ 5 ppm

Anion Limit of Chlorinated compounds : ≤ 30 ppm of Cl

Water Content (Karl Fisher) ≤ 5%

Infrared Spectrum Conforms to structure

Fatty acids & Esters ≤ 1 mL 0.5 N NaOH

Inorganic Impurities Chloride : ≤ 10 ppm
Sulfate : ≤ 20 ppm

Related Substances Individual impurities : ≤ 0.1%
Total impurities : ≤ 1%

Residue On Ignition ≤ 0.01%

Assay (anhydrous basis) 99 - 101%

Grade Meets USP Specification

Storage Store at RT

Additional Information Identification A and C : To pass test

For Laboratory Use Only