

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number	30144
Product	Glycerol
Lot Number	000347-01207 1,2,3-Propanetriol 1,2,3-Trihydroxypropane
CAS Number	56-81-5
Molecular Formula	C ₃ H ₈ O ₃
Molecular Weight	92.09
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Appearance	Clear, viscous liquid
Color (APHA)	2.5
Specific Gravity	1.263 at 25 °C
Heavy Metals	< 5 ppm
Anion	Chlorinated compounds (as Cl ⁻) : < 30 ppm Sulfate (SO ₄ ²⁻) : < 20 ppm Chloride (Cl) : < 10 ppm
Water Content (Karl Fisher)	0.0315%
Infrared Spectrum	Conforms to structure
Fatty acids & Esters	< 1 mL NaOH
Residual Solvents	Passes test
Related Substances	Organic impurities : 0.0% Total impurities : < 1% Individual impurities : < 0.1%
Residue On Ignition	< 0.01%
Assay (anhydrous basis)	100.6%
Grade	USP
Storage	Store at RT
Additional Information	Identification A and C : Passes test Limit of DEG and EG : 0.1%

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Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager