

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	00599
Product	Glycerol
Lot Number	002315-1506 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
Appearance	Clear, viscous liquid
Color (APHA)	3
Boiling point	290 °C (Approx.)
Density	1.262
Heavy Metals	< 2 ppm (as Pb)
Anion	Chlorinated compounds: < 0.003% (as Cl ⁻) Sulfate (SO ₄ ²⁻): < 0.001%
Water Content (Karl Fisher)	0.07%
Infrared Spectrum	Conforms to structure
Fatty acids & Esters	< 0.05% (as butyric acid)
Related Substances	Ethylene glycol: < 0.1% Diethylene glycol: < 0.1% Individual impurities: < 0.1% Total impurities: < 1.0%
Purity by GC	99.9%
Grade	ACS reagent
Application	Used as titration reagent; tests for heavy metals.
Storage	Store at RT

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Catalog Number: 00599

Lot Number: 002315-1506

Additional Information

Residue after ignition: 0.002%
Neutrality: Passes test
Acrolein and glucose: Passes test
Substances darkened by sulfuric acid: Passes test

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