

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	02837
Lot Number	000347-0507127
Product	1,2-Propanediol Propylene glycol
CAS Number	57-55-6
Molecular Formula	C ₃ H ₈ O ₂
Molecular Weight	76.1
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Appearance	Clear free liquid
Color (APHA)	2.15
Solubility	Passes test
Specific Gravity	1.03691 at 25 °C
Refractive Index	1.4329 at 20 °C
Heavy Metals	< 0.0005%
Anion	Chloride (Cl ⁻) : < 0.007% Sulfate (SO ₄ ²⁻) : < 0.006%
Cation	Arsenic (As) : 1 ppm
Water Content (Karl Fisher)	0.018%
Acidity	Passes test
Infrared Spectrum	Conforms to structure
Oxidizable Substances	0.0 mL (as thiosulfate)
Related Substances	Limit of Diethylene Glycol : Passes test Limit of Ethylene Glycol : Passes test
Residue On Ignition	0.00 mg
Purity by GC	99.76%
Grade	USP/EP
Storage	Store at RT
Additional Information	CONEG Metals : Passes test Distillation, IBP at 760 mmHg : 186 °C Distillation, DP at 760 mmHg : 188.5 °C Identification : Passes test

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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