

Technical Data Sheet

Product Glycerin - Min. GG.5 %
Grade EP/USP
Chemical name: 1,2,3-Propantriol
Chemical formula: C₃H₈O₃
CAS No. 56-81-5

Sales Specification

Parameter	Unit	Min	Max	Method of analysis
Assay	% (m/m)	99,5	101	European Pharmacopoeia
Identity A, B, C		Pass		European Pharmacopoeia
Appearance		Meets spec		European Pharmacopoeia
Ester	ml 0.1 m HCl	8,0		European Pharmacopoeia
Color (APHA)	Hazen		10	European Pharmacopoeia
Water	% (m/m)		0,50	ISO 6271
Refractive Index @20°C		1,470	1,475	European Pharmacopoeia
Acidity	ml 0.1 m NaOH		0,2	European Pharmacopoeia
Aldehydes	mg/kg		10	European Pharmacopoeia
Halogenated Compounds	mg/kg		30	European Pharmacopoeia
Chlorides	mg/kg		10	European Pharmacopoeia
Sugars		negative		European Pharmacopoeia
Heavy metals as Pb	mg/kg	5		US Pharmacopoeia
Nickel	mg/kg	max 20		DIN EN 15763
Sodium	% (m/m)	max 0,1		DIN EN 15510
Potassium	% (m/m)	max 0,1		DIN EN 15510
Sulfates	mg/kg	max 20		US Pharmacopoeia
Sulphated Ash	% (m/m)	max 0,01		European Pharmacopoeia
Impurity A (DEG)	% (m/m)	max 0,1		European Pharmacopoeia
Any other impurity retention time less glyc	% (m/m)	max 0,1		European Pharmacopoeia
Total of all impurities retention time greater glyc	% (m/m)	max 0,5		European Pharmacopoeia

These data are passed on according to our best knowledge and believe that these data are correct and that they are the same as of the quality of goods delivered, however this does not release you of the duty to make an internal entrance quality control immediately upon receipt of the goods. All data as stated in producer's certificate of analysis.

This document has been created digitally and is valid without a signature.

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