



SPECIFICATION SHEET

Product Name : Glycerol 99%, Ph Eur, FCC
Product Number : 927.043
Brand : ISOLAB
CAS Number : 56-81-5
Formula : C₃H₈O₃
Formula Weight : 92.1 g/mol

TEST NAME	SPECIFICATION	UNIT
Assay	98.0 - 101.0 %	%
Appearance	Colourless	
Acidity or alkalinity (ml of 0.1M NaOH)	≤ 0.2	
Aldehydes	≤ 0.001 %	%
Esters (ml of 0.1M Hydrochloric acid)	≥ 8.0	
Halogenated compounds	≤ 0.0035 %	%
Sugars	passes test	
Chlorides	≤ 0.001 %	%
Heavy metals (as Pb)	≤ 0.0005 %	%
Impurity A	≤ 0.1 %	%
Any other impurity with a retention time less than the retention time of glycerol	≤ 0.1 %	%
Total of all impurities with retention times greater than the retention time of glycerol	≤ 0.5 %	%
Disregard limit	≤ 0.05 %	%
Water	≤ 2 %	%
Sulphated Ash	≤ 0.01 %	%
Identification A (Refractive Index at 20 °C)	1.470 - 1.475	
Identification B (IR)	passes test	
Identification C	passes test	
Identification D	passes test	
Aspect	passes test	
Solubility	passes test	

Quality Management
Isolab Laborgerate GmbH

