SPECIFICATION SHEET

Product Name	:	Glycerol 85%, Ph Eur, BP
Product Number	:	927.023
Brand	:	ISOLAB
CAS Number	:	56-81-5
Formula	:	-
Formula Weight	:	-

TEST NAME	SPECIFICATION	UNIT
Assay (Eur.Ph.)	83.5 - 88.5 %	%
Appearance of solution	passes test	
Acidity or alkalinity	passes test	
Identity	passes test	
Identification A (refractive index)	passes test	
Identification B (IR)	passes test	
Identification C (Nitric acid)	passes test	
Identification D (Acrolein test)	passes test	
Refractive index (20 °C)	1.449 - 1.454	
Density (20 °C)	1.221 - 1.230 g/ml	g/ml
Colour APHA	≤ 10	
Chloride (Cl)	≤ 0.001 %	%
Halogenated compounds (as Cl)	≤ 0.003 %	%
Heavy metals (as Pb)	≤ 0.0005 %	%
Aldehydes	≤ 0.001 %	%
Arsenic (As)	≤ 0.0002 %	%
Calcium (Ca)	passes test	
NH_4 (Ammonium)	passes test	
Sulphate (SO_4)	≤ 0.002 %	%
Diethylene glycol and related Substances (impurity A)	≤ 0.1 %	%
Diethylene glycol and related Substances (any further impurity)	≤ 0.1 %	%
Diethylene glycol and related Substances (Sum of all impurities)	≤ 0.5 %	%

Quality Management
Isolab Laborgerate GmbH

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TEST NAME	SPECIFICATION	UNIT
Esters	**≥ 8.0 ml**	ml
Sugar	**passes test**	
Sulfated ash	**≤ 0.01 %**	%
Water	**13.0 - 16.0 %**	%
Readily carbonizable substances	**passes test**	
Residue on ignition	**passes test**	
Acrolein, glucose & other red. substances	**passes test**	
Fatty acids and esters	**Passes test**	

Quality Management
Isolab Laborgerate GmbH