

neoFroxx GmbH

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Specification

Product	Glycerol anhydrous
Brand	Labochem
Quality	pure EP, USP
Product number	LC-6508
Origin	from plant
Formula	C ₃ H ₈ O ₃
Molecular weight	92.10 g/mol
CAS number	56-81-5
Storage	below 25°C
We herewith confirm that this product meets the requirements of the European Pharmacopoeia (EP 9.0) and the US Pharmacopoeia (USP 40).	
Parameter	Specification
Appearance	colorless liquid
Content (calc. on dried basis)	min. 99.5 %
Identification (acc. to EP, USP)	characteristic
Refractive index	1.470 - 1.475
Impurity A and related substances	max. 0.1 % (total impurities: max. 0.5 %)
Color APHA	max. 10.0
Heavy metals (as Pb)	max. 0.0005 %
Chloride	max. 0.001 %
Halogenated compounds	max. 0.0035 %
Sulfated ash	max. 0.01 %
Water (K.F.)	max. 0.5 %
Acidic/alkaline react. subst. (0.1 N NaOH)	max. 0.2 ml
Density (d 20°C/4°C)	1.256 - 1.262
Sugar	negative
Ester (0.1 N HCl)	min. 8.0 ml
Aldehydes	max. 0.001 %
Diethylene glycol & related substances	max. 0.1 %

Einhausen, 14.09.2018

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