

Certificate of Analysis

Product	Glycerol anhydrous pure EP, USP (pharma grade)	
Brand	Labochem	
Product number	LC-6508	
Lot number	629880A4	
Synonyms	1,2,3-Propanetriol, Trihydroxylpropane, Protol, Glycerin	
Formula	C ₃ H ₈ O ₃	
Molecular weight	92.10 g/mol	
CAS number	56-81-5	
Storage	below 25°C	
Manufacturing date	June 2022	
Retest period (months)	60	
Retest date	June 2027	
We herewith confirm that this product meets the requirements of the European Pharmacopoeia (EP) and the US Pharmacopoeia (USP).		
Parameter	Specification	Result
Appearance	colorless liquid	complies
Content (calc. on dried basis)	min. 99.5 %	99.9 %
Ident. (acc. to EP, USP)	characteristic	complies
Refractive index	1.470 - 1.475	1.4740
Impurity A and related substances	max. 0.1 % (total impurities: max. 0.5 %)	complies
Color APHA	max. 10.0	2.5
Heavy metals (as Pb)	max. 5 ppm	complies
Chloride	max. 10 ppm	complies
Halogenated compounds	max. 35 ppm	complies
Sulfated ash	max. 0.01 %	complies
Water (K.F.)	max. 0.5 %	0.14 %
Acidic/alkaline react. subst. (0.1 N NaOH)	max. 0.2 ml	complies
Density (d 20°C/4°C)	1.256 - 1.262	complies
Sugar	negative	complies
Ester (0.1 N HCl)	min. 8.0 ml	complies
Aldehydes	max. 10 ppm	complies

Certificate of Analysis

Parameter	Specification	Results
Diethylene glycol & related substances	max. 0.1 %	complies

Einhausen, 09.06.2022	Quality control: M.F.
-----------------------	-----------------------

neoFroxx
For a greener laboratory



neoFroxx GmbH
Marie-Curie-Str. 3 | 64683 Einhausen | Germany
Phone +49 6251 989 24 0 | Fax +49 6251 989 24 10
E-Mail info@neofroxx.com | www.neofroxx.com