



Specification

Concerning Product:	
Article number	26461
Trade name / designation / denomination	Glycerin 99,5% rein pflanzlich
CAS number	56-81-5
Other names / synonyms	•Glycerine; •glycerol; •propane-1,2,3-triol;
EC number	200-289-5
Customs tariff number / CN code / TARIC	29054500
Molecular weight [g / mol]	92.09382
Formula	C ₃ H ₈ O ₃

Parameter	Test Method	Specification	Unit
Organoleptic test			
Appearance		clear, colorless, viscous liquid	
Colour		≤ 10	HAZEN
Odour		odourless	
Physical parameter			
Acidity/Alkalinity		≤ 0,2	ml 0,1M NaOH
Refraction index		nD20 1,470 – 1,475	
Water content		≤ 2,0	%
Relative density		(20°C) 1,258 – 1,268	g/cm ³
Identity			
Assay		≥ 98	%
Impurities			
Aldehydes		≤ 10	ppm
Heavy Metals (as Pb)		≤ 5	ppm
Sulphated ash		≤ 0,01	%
Impurity		Ester: ≥ 8,0	ml 0,1M HCl
Impurity		Halogenierte Verbindungen / Halogenated Compounds ≤ 35	ppm
Impurity		Sugar: pass EP	
Related substances		gemäß EP / pass EP ≤ 0,1	
Elemental Impurities			
Chlorides (Cl)		≤ 10	ppm

Supplemental information:

Complies with monographie: Ph.Eur.

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 13. Jan. 2025

LF-Basis: 9 (2023-05-09)

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