



Specification

Concerning Product:	
Article number	56815CPELO8
Trade name / designation / denomination	Glycerin 86% EP, 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	Specification	Unit
Organoleptic test		
Appearance	Clear, colorless liquid (viscous)	
Colour	≤ 10	Hazen
Physical parameter		
Acidity/Alkalinity	(0,01M NaOH) ≤ 0,2	ml
Refraction index	1,449 – 1,455	
Density	1,221 – 1,232	g/mL
Loss on drying	12,0 – 16,0	%
Identity		
Assay	84,0 – 88,0	%
Identification	complies	
Impurities		
Aldehydes	0,1 – 10	ppm
Halogenated compounds	≤ 30	ppm
Heavy Metals (as Pb)	≤ 5	ppm
Sulphated ash	≤ 0,01	%
Impurity	Ester: 0,1N-HCl ≥ 8	ml
Elemental Impurities		
Chlorides (Cl)	≤ 10	ppm
Nutritional data		
Sugar	complies	

Regulatory information:

Registration status: complies to FDA 182.1320

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 08. Feb. 2022

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