



Spezifikation

Produktbezug:	
Produktnummer	56815HPE99
Handelsname / Bezeichnung	Glycerin 99,5% EP
CAS Nummer	56-81-5
Andere Bezeichnungen / Synonyme	•Glycerin; •Glycerine; •Glycerol; •glycerol; •propane-1,2,3-triol;
EG Nummer	200-289-5
Zolltarifnummer / CN-Code	29054500
Molekulargewicht [g/mol]	92.09382
Formel	C ₃ H ₈ O ₃

Parameter	Methode	Spezifikation	Einheit
Sensorische Prüfung			
Aussehen	2.2.1/2.2.2	entspricht	
Aussehen		Klare, farb- und geruchlose Flüssigkeit (viskos)	
Farbe	ISO 6271	≤ 10	ALPHA
Physikalische Parameter			
Säuregehalt	0496	≤ 0,2	ml
Brechungsindex	2.2.6	20°C: 1,470 – 1,475	
Dichte	2.2.5	20°C: 1,258 – 1,268	g/cm ³
Trocknungsverlust	2.5.12	≤ 0,5	%
Identifikation			
Gehalt	0496	99,5 – 101,0	%
Identifizierung	0496	A, C, D entspricht	
Verunreinigungen			
Aldehyd	0496	≤ 10	ppm
Halogenierte Verbindungen	0496	≤ 35	ppm
Sulphatasche	2.4.14	≤ 0,01	%
Verunreinigung	2.2.28	A, (Diethylenglycol) ≤ 0,1	%
Verunreinigung	2.2.28	Fläche Peaks R (t) < Glycerin ≤ 0,5	%
Verunreinigung	2.2.28	A, verwandte Substanzen entspricht	
Verunreinigung	0496	Ester ≥ 8	ml
Verunreinigung	2.2.28	Fläche Peaks R (t) < Glycerin ≤ 0,1	%

Elementare Verunreinigungen			
Chloride (Cl)	2.4.4	≤ 10	ppm
Nährstoffgehalt			
Zucker	0496	negativ	

Zusätzliche Angaben:

Hinweis: Messmethode nach PH. EUR. - PH.EUR. = Europäisches Arzneibuch 10.6

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 27. Oct. 2022

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