



Spezifikation

Produktbezug:	
Produktnummer	57556AEPE
Handelsname / Bezeichnung	1,2-Propylenglycol, Pharma
CAS Nummer	57-55-6
Andere Bezeichnungen / Synonyme	•1,2-Propandiol; •propane-1,2-diol; •alpha-Propylenglykol; •Alpha-propylene glycol; •Propan-1,2-diol / 1,2-Propylenglyco; •Propylenglycol; •Propylene Glycol; •Propan-1,2-diol; •propane-1,2-diol;
EG Nummer	200-338-0
Zolltarifnummer / CN-Code	29053200
Molekulargewicht [g/mol]	76.09442
Formel	C ₃ H ₈ O ₂

Parameter	Spezifikation	Einheit
Sensorische Prüfung		
Farbe	≤ 5	APHA
Physikalische Parameter		
Säuregehalt	(calculated as HC ₃ COOH) ≤ 0,002	%
Brechungsindex	1,431 – 1,433	
Destillationsbereich	185,0 – 189,0	°C
Trocknungsverlust	≤ 0,1	%
Oxidierende Substanzen	Konformität	
Reduzierende Substanzen	Konformität	
Spezifisches Gewicht	@ 25 °C 1,035 – 1,037	
Identifikation		
Gehalt	≥ 99,7	%
Neutralisierungsnummer	(as KOH) ≤ 0,01	mg KOH/g
Verunreinigungen		

Schwermetalle (als Pb)	≤ 5,0	ppm
Sulphatasche	≤ 70	ppm
Sulphat (SO ₄)	≤ 60	ppm
Trübung	≤ 3	NTU
Verunreinigung	Di ethylen glycol ≤ 0,1	%
Verunreinigung	Di propylene glycol ≤ 0,1	%
Verunreinigung	Mono ethylen glycol ≤ 0,1	%
Elementare Verunreinigungen		
Arsen (As)	≤ 2,0	ppm
Cadmium (Cd)	≤ 0,5	ppm
Chloride (Cl)	≤ 1	ppm
Eisen (Fe)	≤ 0,3	ppm
Quecksilber (Hg)	≤ 0,1	ppm
Blei (Pb)	≤ 1,0	ppm
Organische flüchtige Verunreinigungen		
Org. flücht. Veru. in Summe	Konformität	%

Zusätzliche Angaben:

Mindesthaltbarkeit:

24 Mon.

Entspricht der Monographie:

EP/USP/E1520

regionaler Ursprung:

D

Version des Herstellers:

04/2017

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 07. Nov. 2018

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