



Spezifikation

Produktbezug:	
Produktnummer	56406VPEUL
Handelsname / Bezeichnung	Glycin 98,5 % USP,BP,EP,FCCIV +Anticake
CAS Nummer	56-40-6
Andere Bezeichnungen / Synonyme	•2-aminoacetic acid; •Aminoessigsäure; •Glycin; •Glycine; •aminoacetic acid; •glycine;
EG Nummer	200-272-2 200-272-2
Zolltarifnummer / CN-Code	29224985
Molekulargewicht [g/mol]	75,07
Formel	C2H5NO2

Parameter	Spezifikation	Einheit
Sensorische Prüfung		
Aussehen der Lösung	klar	
Aussehen	weißes, kristallines Pulver	
Physikalische Parameter		
Trocknungsverlust	≤ 0,2	%
pH-Wert	5,9 – 6,4	
Identifikation		
Gehalt	98,5 – 101,5	%
Identifizierung	Muss der Norm entsprechen	
Verunreinigungen		
Glührückstand	≤ 0,1	%
Schwermetalle (als Pb)	≤ 20	ppm
Hydrolisierbare Substanzen	Muss der Norm entsprechen	
Hydrolisierbare Substanzen	Must conform to standard	
Sulphat (SO ₄)	≤ 6,5	ppm
Elementare Verunreinigungen		
Arsen (As)	≤ 1	ppm
Cadmium (Cd)	≤ 1	ppm
Chloride (Cl)	≤ 7	ppm
Eisen (Fe)	≤ 10	ppm
Quecksilber (Hg)	≤ 1	ppm
Blei (Pb)	≤ 3	ppm
Organische flüchtige Verunreinigungen		
Org. flücht. Veru. in Summe	Muss der Norm entsprechen	

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 08. Mar. 2022

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