



Specification

Concerning Product:	
Article number	56406VPEUL
Trade name / designation / denomination	Glycin 98,5 % USP,BP,EP,FCCIV +Anticake
CAS number	56-40-6
Other names / synonyms	•2-aminoacetic acid; •aminoacetic acid; •glycine;
EC number	200-272-2 200-272-2
Customs tariff number / CN code / TARIC	29224985
Molecular weight [g / mol]	75,07
Formula	C2H5NO2

Parameter	Specification	Unit
Organoleptic test		
Appearance of solution	clear	
Appearance	white crystalline powder	
Physical parameter		
Loss on drying	≤ 0,2	%
pH value	5,9 – 6,4	
Identity		
Assay	98,5 – 101,5	%
Identification	Must conform to standard	
Impurities		
Residue on ignition	≤ 0,1	%
Heavy Metals (as Pb)	≤ 20	ppm
Sulphates (SO ₄)	≤ 6,5	ppm
Elemental Impurities		
Arsenic (As)	≤ 1	ppm
Cadmium (Cd)	≤ 1	ppm
Chlorides (Cl)	≤ 7	ppm
Iron (Fe)	≤ 10	ppm
Mercury (Hg)	≤ 1	ppm
Lead (Pb)	≤ 3	ppm
Organic volatile impurities		
Org. volat. Imp. Total	Must conform to standard	

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 08. Mar. 2022

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