



Specification

Concerning Product:	
Article number	26450
Trade name / designation / denomination	Glycin EP, BP, USP, FCC, E640
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	Test Method	Specification	Unit
Organoleptic test			
Appearance of solution		clear	
Appearance		white crystalline powder	
Physical parameter			
Acidity/Alkalinity		meets requirement	
Loss on drying		≤ 0,5	%
pH value	5% H2O	5,9 – 6,4	
Identity			
Assay		98,5 – 101,0	%
Impurities			
Heavy Metals (as Pb)		≤ 0,001	%
Sulphates (SO ₄)		≤ 0,001	%
Impurity	N	meets requirement	%
Impurity		Ninhydrin-positive substance: meets requirement	
Elemental Impurities			
Chlorides (Cl)		≤ 75	ppm

Supplemental information:

Shelf life: 2 years

Complies with monograph: EP9, USP40

Regional origin: CN

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 21. Oct. 2021

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