



## Specification

Concerning Product:	
Article number	56406SUL
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	C <sub>2</sub> H <sub>5</sub> NO <sub>2</sub>

Parameter	Test Method	Specification	Unit
<b>Organoleptic test</b>			
Appearance		white crystalline powder	
<b>Physical parameter</b>			
Loss on drying		≤ 0,2	%
pH value	5% H <sub>2</sub> O	5,5 – 7,0	
<b>Identity</b>			
Assay		98,5 – 101,5	%
Identification		Infrared Absorption	
<b>Impurities</b>			
Residue on ignition		≤ 0,1	%
Heavy Metals (as Pb)		≤ 10	%
Sulphates (SO <sub>4</sub> )		≤ 0,0065	%
<b>Elemental Impurities</b>			
Arsenic (As)		≤ 1	ppm
Cadmium (Cd)		≤ 1	ppm
Chlorides (Cl)		≤ 0,007	ppm
Iron (Fe)		≤ 10	ppm
Mercury (Hg)		≤ 0,1	ppm
Lead (Pb)		≤ 3	ppm
<b>Microbiological data</b>			
Escherichia Coli.		Negative in 10 g	CFU/g
Salmonella	N	Negative in 25 g	
Total Plate Count		≤ 1000	CFU/g
Yeast and Mould		≤ 100	CFU/g

### **Supplemental information:**

**Shelf life:** 2 years

**Complies with monograph:** FCC10 / USP39 / EP6 / E640

**Regional origin:** CN

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 08. Mar. 2022

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