

Certificate of Analysis



Glycine min. 98,5 %, USP/BP/EP/FCC/E 640

INCI: Glycine

Article-No.: 100359

Batch-No.: 2012260655		CAS-No.: 56-40-6
Manufacture Date: 22.06.2020		Expiry Date: 21.06.2023

Parameter	Unit	Specification		Result
		min.	max.	
Appearance	-	White crystalline powder		conforms
Assay (C ₂ H ₅ NO ₂)	%	98,5	101,5	99,6
Loss on Drying	%	-	0,2	0,09
Appearance of Solution	-	Clear		conforms
Identification	-	Must conform to standard		conforms
pH-Value	-	5,9	6,4	6,05
Heavy metals (as Pb)	ppm	-	20	< 10
Chlorides (as Cl)	ppm	-	7	< 7
Sulphate (as SO ₄)	ppm	-	6,5	< 6,5
Arsenic (as As)	ppm	-	1	< 1
Mercury	ppm	-	1	< 0,1
Lead (Pb)	ppm	-	3	< 3
Iron (as Fe)	ppm	-	10	conforms
Cadmium	ppm	-	1	< 1
Residue on ignition	%	-	0,1	0,03
Hydrolysable substances	-	Must conform to standard		conforms
Organic volatile Impurities		Must conform to standard		conforms
Ninhydrin-positive substance		Must conform to standard		conforms

Conclusion: This product conforms to requirements of USP39/BP2002/EP8/FCC/E640 standard.

The data stated above represent our today's state of knowledge and is a correct copy of the existing original certificate of our supplier. Any recommendations or suggestions made without warranty or guarantee since the conditions of use are beyond our control. Valid laws and legal requirements as well as patent or other rights of third parties are to be taken into account by the receiver.

Siegburg, 05.02.2021