

Product Specification

Product Name: L-Serine *copoeia

L-2-Amino-3-(hydroxy)propanoic acid

Item Nr.: 1956

MW: 105.09 g/mol

C₃H₇NO₃

CAS Nr.: 56-45-1

E.C.Nr.:

EINECS: 200-274-3

Parameter	Method	Specification	Unit
Appearance	visual	white or almost white cryst. powder	
Solubility	5% in H ₂ O	soluble	
Clarity of solution	Nephelometry	0	NTU
Assay	Titration	98.5 - 101.0	%
Coloration of sol.	Gardner	1	
Loss on drying		< 0.5	%
pH	5% in H ₂ O	5.2 - 6.2	
Optical rotation	[α] _{20D} 10% in 2N HCl	+14.0 - +16.0	°
Heavy metals		≤10	ppm
Chlorides		<200	ppm
Sulfated ash		<0.1	%

Storage: Keep well closed at room temperature in a dark and dry place.

For professional use only. Not intended for pharmaceutical use. We do not warrant suitability for any particular application. Consult Safety Data Sheet.

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