

Specification

Formula Hill: C₃H₇NO₃
Molar Mass: 105,09 g/mol
CAS N°: 56-45-1

Print Date: 05 August 2021

113780 L-Serine, Ph. Eur.

	Specifications
Assay (dried subs)	98,5 - 101,0 %
Identity	conforms
Appearance	
- White or almost white	conforms
- Crystals or crystalline powder	conforms
App. of solution	
- Clear and colourless	conforms
Solubility	conforms
Specific rotation	14,0 - 16,0 °
Chloride (Cl)	≤ 0,0200 %
Sulfate (SO ₄)	≤ 0,0300 %
Ammonium (NH ₄)	≤ 0,02 %
Heavy Metals (as Pb)	≤ 0,0010 %
Iron (Fe)	≤ 0,0010 %
Ninhydrin-positive substances	≤ 0,5 %
Loss on Drying	≤ 0,5 %
Residue after ignition	≤ 0,1 %

The product cannot be considered as an Active Pharmaceutical Ingredient (API) for human or veterinary use

Conforms to: Ph. Eur. specification