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Specification

Technical Data Sheet

Product Name	L-Serine
Product No	24133813
CAS Number	56-45-1
Storage Temperature	Ambient
Molecular Weight	105.09

	Specification
Physical Appearance	White crystals or crystalline powder
Grade	USP Grade
Arsenic	Max. 1ppm
pH	5.2 - 6.2
Loss on Drying	Max. 0.20%
Molecular Weight	105
Chloride (Cl)	Max. 0.020%
Assay	99.0 - 101.0 %
Iron	Max. 10ppm
Residue on Ignition	Max. 0.10%
Sulphate	Max. 0.020%
Specific optical rotation	+15.2°
Heavy Metals (Pb)	Max. 10ppm
Ammonium	Max. 0.02%