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Product Specifications

Catalogue Number	00262
Product	D-Serine
	D-Ser-OH
	D- β -Hydroxyalanine
CAS Number	312-84-5
Molecular Formula	C ₃ H ₇ NO ₃
Molecular Weight	105.1

Appearance	White crystalline powder
Heavy Metals	≤ 10 ppm
Cation	Ammonium (NH ₄): ≤ 0.02% Iron (Fe): ≤ 10 ppm
pH	5.2-6.2 (1g in 10 mL)
Optical Rotation	[α] _D ²⁰ = -14.5 to -15.5°
Transmission	≥ 95%
Loss on Drying	≤ 0.25%
Residue On Ignition	≤ 0.10%
Assay by titration	≥ 99% (anhydrous basis)
Storage	Store at RT

For Laboratory Use Only