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Product Specifications

Catalogue Number	02250
Product	Z-D-serine
	Z-D-Ser-OH
	Z-D- β -hydroxyalanine
CAS Number	6081-61-4
Molecular Formula	C ₁₁ H ₁₃ NO ₅
Molecular Weight	239.2

Appearance	White powder
Water Content (Karl Fisher)	$\leq 0.2\%$
Optical Rotation	$[\alpha]_{D20}: -5.50^{\circ} \pm 1.5^{\circ}$ (c=6 in HAc)
Loss on Drying	$\leq 1\%$
Free Amino Acids	$\leq 0.2\%$
Other Amino Acids	$\leq 0.1\%$
Ash	$\leq 0.1\%$
Purity by HPLC	$\geq 98.5\%$
Chiral Purity	$\geq 99\%$
Storage	Store at 0-8°C

For Laboratory Use Only