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Product Specifications

Catalogue Number	02886
Product	D-Cycloserine, synthetic D-4-Amino-3-isoxazolidinone, synthetic (R)-4-Amino-3-isoxazolidinone, synthetic
CAS Number	68-41-7
Molecular Formula	C ₃ H ₆ N ₂ O ₂
Molecular Weight	102.1
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Appearance	White to pale yellow crystalline powder
Crystallinity	To pass test
pH	5.5 - 6.5
Optical Rotation	[α] _D ²⁰ = 108 - 114 °
Loss on Drying	≤ 1%
Residual Solvents	Ethanol : ≤ 5000 ppm Acetone : ≤ 5000 ppm
Residue On Ignition	≤ 0.5%
Purity by HPLC	≥ 900 µg/mg
Storage	Store at ≤ -4 °C
Additional Information	Condensation Products: ≤ 0.80 (at 285 nm) Identification: A blue color gradually develops.

For Laboratory Use Only