



# INDOFINE Chemical Company, Inc.

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## *Certificate of Analysis*

Catalogue Number	BIO-126
Product	<b>D-Cycloserine</b>
Lot Number	002437-1002
	D-4-Amino-3-isoxazolidinone
	(R)-4-Amino-3-isoxazolidinone
CAS Number	68-41-7
Molecular Formula	C <sub>3</sub> H <sub>6</sub> N <sub>2</sub> O <sub>2</sub>
Molecular Weight	102.1

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Appearance	White to pale yellow crystalline powder
Solubility	Soluble in water and DMSO, not soluble in acetone.
Crystallinity	Passes test
pH	6.07 (5% in water)
Optical Rotation	$[\alpha]_D^{20} = +110.9^\circ$ (C=2 in H <sub>2</sub> O)
Loss on Drying	0.50%
Residual Solvents	Ethanol: Not detected Acetone: Not detected
Residue On Ignition	0.15%
Purity by HPLC	994.7 µg/mg
Grade	USP
Storage	Store at ≤ -4 °C