



CERTIFICATE OF ANALYSIS

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1. Identification

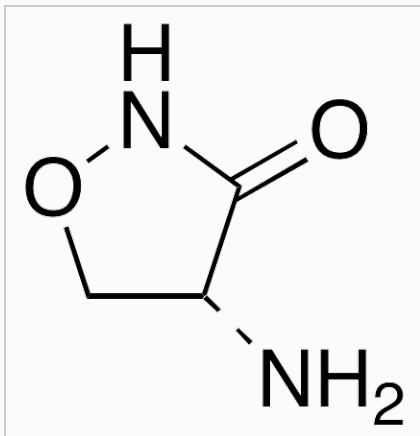
Catalogue Number: C988815

CAS Number: 68-41-7

Synonym: (4R)-4-Amino-3-isoxazolidinone; (+)-4-Amino-3-isoxazolidinone; (+)-Cycloserine; (R)-(+)-Cycloserine; (R)-4-Amino-3-isoxazolidinone; (R)-Cycloserine; Closerin; Closina; Cyclo-D-serine; Cyclorin; Cycloserine; D-4-Amino-3-isoxazolidinone; D-CS; Farmiserina; Micoserina; Miroserin; NSC 154851; NSC 76029; Novoserin; Orientomycin; Oxamycin; PA 94; Seromycin; Tisomycin; Wasserina; d-4-Amino-3-isoxazolidinone; α-Cycloserine;

Product: D-Cycloserine

Structure:



Molecular Formula:

C₃H₆N₂O₂

Molecular weight:

102.09

Source of Product:

N/A

Solubility:

DMSO (Slightly), Methanol (Slightly), Water (Slightly)

Lot Number: 3-OBI-45-1

Purity: 95%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Pale Yellow Solid	Pale Yellow Solid
NMR	Conforms to Structure	Conforms
HPLC Purity	Report Result	99.47% (230 nm)
MS	Conforms to Structure	Conforms

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Sarbjit Kaur	Toni Rantanen	Christina Gouliaras	7/26/2022	7/24/2026
				