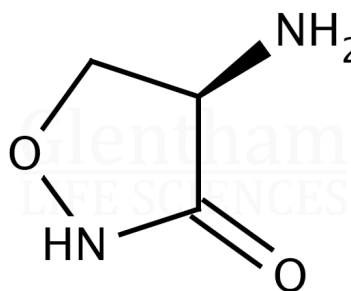


Certificate of Analysis

Product Name	D-Cycloserine
Glentham Code	GA9717
CAS Number	68-41-7
EINECS	200-688-4
MDL Number	MFCD00005353
PubChem SID	310270733
Batch Number	333UNK
Molecular Weight	102.09
Molecular Formula	C ₃ H ₆ N ₂ O ₂
Storage Temp.	-20°C



Property	Specification	Batch 333UNK
Physical Description	White to off-white powder	Off-white powder
Identification	According to USP	Conforms
Solubility (5% in water)	Clear, colourless to faint yellow solution	Clear, colourless solution
pH (10% in water)	5.5 - 6.5	6.3
Specific Optical Rotation	+108 - +114 ° (c=5, 2M NaOH)	110.0°
Absorptivity	≤ 0.80 (0.04% in 0.1M NaOH at 285nm)	0.20
Loss on Drying	≤ 1.0%	0.2%
Residue on Ignition	≤ 0.5%	0.1%
Potency (as is)	≥ 900µg/mg	993.8µg/mg
Pharmacopoeia Specification(s)	USP	Conforms

Specification Version	v1.0
Manufacture Date	2024-04-12
Re-Test Date	2031-11-25

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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