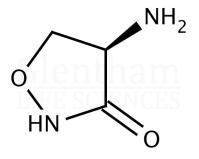


Glentham Life Sciences Ltd Unit 5 Leafield Way Corsham SN13 9SW United Kingdom

t: +44 (0) 1225 667 798 f: +44 (0) 2033 978 909 e: info@glentham.com w: www.glentham.com

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 $C_3H_6N_2O_2$ -20°C Storage Temp.



| 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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