

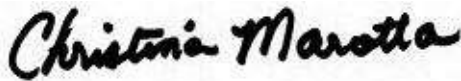
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Certificate of Analysis

Product Description: D-Cycloserine
Catalog Number: 100535
Lot: M8763**Formula:** C₃H₆N₂O₂
CAS #: 68-41-7
Physical Description: White Powder**Formula Weight:** 102.1
Storage: +4°C, desiccate

Test	Specification	Result
Identity Test	Passes	Passes
Potency	≥900 µg/mg	994.52 µg/mg
FTIR	Conforms to Standard	Conforms to Standard
pH (2% aq soln)	5.5 - 6.5	6.08
Solubility (5% aq soln)	Clear, Colorless to Slightly Pink to Yellow Solution	Clear, Colorless Solution

Loss on drying: 0.45%
Condensation products (@ 285 nm): 0.052
Specific rotation (c=2 in NaOH): +111.80°
Volatile impurity Ethanol: ≤1000 ppm
Crystallinity: Passes
Residue on ignition: 0.38%



02/26/2014 - Christina Marotta
MP Biomedicals, LLC.
Technical Director

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