

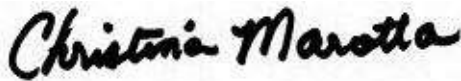
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## Certificate of Analysis

**Product Description:** D-Cycloserine  
**Catalog Number:** 100535  
**Lot:** M9942**Formula:** C<sub>3</sub>H<sub>6</sub>N<sub>2</sub>O<sub>2</sub>  
**CAS #:** 68-41-7  
**Physical Description:** Off-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	6.31
Solubility (5% aq soln)	Clear, Colorless to Slightly Pink to Yellow Solution	Clear, Colorless to Slightly Pink to Yellow 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%



10/23/2014 - Christina Marotta  
MP Biomedicals, LLC.  
Technical Director

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