



MP Biomedicals, LLC

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Certificate of Analysis

Product Description: Cytidine, Free Base_

Catalog Number: 194651_

Lot: M8796_

Formula: C₉H₁₃N₃O₅

CAS #: 65-46-3

Physical Description: White Powder

Formula Weight: 243.22

Storage: Room Temperature, desiccate

Test	Specification	Results
Identity Test	Passes	Passes
FTIR	Conforms to Standard	Conforms to Standard
Melting Point	208 - 218°C	212.9-213.6 °C
UV/Vis: □ max (water)	270 - 272 nm	270.5 nm
OD250/OD260 nm	Report Result	0.846
OD280/OD260 nm	Report Result	0.919
OD290/OD260 nm	Report Result	0.285

Purity (HPLC): 99.7%

Purity (UV): 100.2%

Loss on drying: 0.1%

Residue on ignition: 0.08%

Heavy metals: #10 ppm

Specific rotation: +33.6°

Christina Marotta

03/07/2014 - Christina Marotta

MP Biomedicals, LLC.

Technical Director

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<http://www.mpbio.com>

Online Ordering, MSDSs, certificates of analysis and data sheets now available on our web site

Technical Service: 1-800-279-5490 (440-337-1200) Customer Service: 1-800-854-0530 (440-337-1200)