



MP Biomedicals, LLC

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Certificate of Analysis

Product Description: Cytidine, Free Base_
Catalog Number: 194651_
Lot: MR31515_

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	212.4 - 213.7°C
UV/Vis: □ max (water)	270 - 272 nm	271.5 nm
OD250/OD260 nm	Report Result	0.49
OD280/OD260 nm	Report Result	2.06
OD290/OD260 nm	Report Result	0.3

Purity (HPLC): 99.86%
Purity (UV): 99.85%
Loss on Drying: 0.04%
Residue on Ignition: 0.07%
Heavy Metals: #10 ppm
Specific Rotation: +34.2°

Christina Marotta

05/21/2014 - 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)