



MP Biomedicals, LLC

29525 Fountain Parkway
Solon, Ohio 44139

Telephone: 440/337-1200
Toll Free: 800/854-0530

Fax: 440/337-1180
web: www.mpbio.com

Certificate of Analysis

Product Description: Cytidine, Free Base_

Catalog Number: 101459_

Lot: R27134_

Formula: C₉H₁₃N₃O₅

CAS #: 65-46-3

Physical Description: White Powder

Formula Weight: 243.22

Storage: Room Temperature, desiccate

Test	Specification	Result
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

05/13/2010 - Christina Marotta

MP Biomedicals, LLC.

Technical Director

This is an electronically generated document
mailto:biotech@mpbio.com

<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)