



MP Biomedicals, LLC

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Certificate of Analysis

Product Description: Cytidine, Free Base_
Catalog Number: 194651_
Lot: QR12732_

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	212.2 - 213.1°C
UV/Vis: □ max (water)	270 - 272 nm	270.1 nm
OD250/OD260 nm	Report Result	0.84
OD280/OD260 nm	Report Result	0.90
OD290/OD260 nm	Report Result	0.27

Purity (HPLC): 99.4%
Purity (UV): 98.9%
Loss on drying: 0.1%
Residue on ignition: 0.06%
Heavy metals: #10 ppm
Specific rotation: +33.5°
Recommended Retest Date: 09/07/2019


09/10/2016 - John Huang, PhD
MP Biomedicals, LLC.

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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)