

MP Biomedicals, LLC29525 Fountain Parkway
Solon, Ohio 44139Telephone: 440/337-1200
Toll Free: 800/854-0530Fax: 440/337-1180
web: www.mpbio.com

Certificate of Analysis

Product Description: Guanosine
Catalog Number: 101907
Lot: M7298

Formula: C₁₀H₁₃N₅O₅
CAS #: 118-00-3
Physical Description: White Powder

Formula Weight: 283.2
Storage: Room Temperature

Test	Specification	
Identity Test	Passes	Passes
Purity	97 - 103%	101.2%
FTIR	Conforms to Standard	Conforms to Standard
UV/Vis: λ max (water)	251 \pm 3 nm	251.6nm
OD250/OD260	<1.3	1.15
OD280/OD260	<0.69	0.67
OD290/OD260	<0.26	0.22

Loss on drying: 0.3%
 Residue on ignition: 0.10%
 Heavy metals (Pb): <10 ppm
 Arsenic (As₂O₃): <0.0002%
 Chlorides: <500 ppm
 Sulfates: <500 ppm

A handwritten signature in black ink that reads 'Christina Marotta'. The signature is written in a cursive style and is positioned above a horizontal line.

07/26/2013 - 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)