



MP Biomedicals, LLC

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Certificate of Analysis

Product Description: Guanosine-5'-triphosphate Disodium Salt
Catalog Number: 195213_
Lot: QR13535_

Formula: C₁₀H₁₄N₅O₁₄P₃Na₂

CAS #: 56001-37-7

Physical Description: White Powder

Formula Weight: 567.2

Storage: -20°C, desiccate

Test	Specification	Result
Identity Test	Passes	Passes
Purity	≥95%	98.9%
FTIR	Conforms to Standard	Conforms to Standard
UV/VIS:□□□ max (water)	252 ± 3 nm	252.9 nm
OD250/OD260	1.20 ± 0.08	1.15
OD280/OD260	0.65 ± 0.08	0.66
OD290/OD260	0.23 ± 0.08	0.30

UV content (dry basis): 97%

Water (KF): 6.8%

Recommended Retest Date: 03/08/2018

03/10/2017 - John Huang, PhD
MP Biomedicals, LLC.
Quality Control Manager

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

