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Certificate of Analysis

Product Description: Guanosine-5'-monophosphate, Free Acid
Catalog Number: 101908
Lot: SR01734**Formula:** $C_{10}H_{14}N_5O_8P$ **CAS #:** 85-32-5**Physical Description:** White Powder**Formula Weight:** 363.20**Storage:** 2 - 8°C

Test	Specification	Result
Identity Test	Passes	Passes
Purity	≥98%	99.8%
FTIR	Conforms to Reference	Conforms to Reference
Recommended Retest Date	Month/Day/Year	09/29/2021

Solubility (50 mg/ml in 1 N ammonium hydroxide): Clear, Colorless Solution

Water Content (KF): 7.1%

UV Content (dry basis): 99%

A250/A260: 1.12

A280/A260: 0.64



10/01/2019 - John Huang, PhD

MP Biomedicals, LLC.

Quality Control Manager

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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)