



MP Biomedicals, LLC

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Certificate of Analysis


Product Description: Rifampin, gamma irradiated, molecular biology reagent.
Catalog Number: 194795_
Lot: QR14898_

Formula: C ₄₃ H ₅₈ N ₄ O ₁₂ CAS #: 13292-46-1 Physical Description: Reddish-Orange Powder	Formula Weight: 823 Storage: 2 - 8°C
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Test	Specification	Result
Identity Test	Passes	Passes
UV/Vis: □ max, methanol	237 - 239 nm	237.7, 336.2, 478.1 nm
Loss on Drying	#2%	1.78%
gamma-irradiated	Passes	Passes

Acidity pH: 5.5
Related Substances:
- Rifiampicin Quinone: 0.17%
- Any other individual impurity: 0.71%
- Total impurities: 1.72%
Heavy metals: < 20ppm
Sulphated Ash: 0.07%
Solubility: slightly soluble in water, acetone and 96% alcohol
Solubility: soluble in methanol
Assay (dry basis): 99.3%
Recommended Retest Date: 01/07/2020

01/09/2018 - 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)