



MP Biomedicals, LLC

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Certificate of Analysis

Product Description: Tetracycline Free Base_
Catalog Number: 103012_
Lot: 8458H_

Formula: C₂₂H₂₄N₂O₈

CAS #: 60-54-8

Physical Description: Yellow Powder

Formula Weight: 444.4

Storage: -0°C, protect from light, store under nitrogen

Test	Specification	Result
Identity Test	Passes	Passes
Potency	≥900 µg/mg	1066 µg/mg
FTIR	Conforms to Standard	Conforms to Standard
UV/VIS: □ max (0.1N HCl)	217-220, 268-271, 355-356 nm	218, 268, 355 nm

4-Epianhydrotetracycline: <2.0%

Crystallinity: Passes

Heavy Metals: <0.005%

pH (1% aq soln): 4.4

Water: 10.2%

10/20/2005 - Robert Beattie

MP Biomedicals, LLC.

Technical Director

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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)