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Certificate of Analysis

Product Description: Tetracycline free base_
Catalog Number: 103012_
Lot: 9250A_

Formula: C₂₂H₂₄N₂O₈**CAS #:** 60-54-8**Physical Description:** Yellow powder**Formula Weight:** 444.4**Storage:** -0 °C, under nitrogen, protect from light.

Test	Specification	Results
Potency:	Not less than 900 □g/mg	1019 µg/mg
FTIR:	Conforms to standard	Conforms to standard
UV/VIS:	□Max = 217-220, 268-271, 355-356nm (0.1N HCl)	□Max=269nm additional 355.5nm, 218nm (0.1N HCl)
Optical Rotation:	-218.0 to 228.0° (C=1, methanol)	-227.9° (C=1, 0.1N HCl)

Approved - 10/05/98 by Joe Dietz

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)