



MP Biomedicals, LLC

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Certificate of Analysis

Product Description: Actinomycin D_
Catalog Number: 104658_
Lot: MR28743_

Formula: C₆₂H₈₆N₁₂O₁₆
CAS #: 50-76-0
Physical Description: Red Powder

Formula Weight: 1255.5
Storage: +4°C, protect from light

Test	Specification	Result
Identity Test	Passes	Passes
Purity	~98%	>99% (TLC) 99.79% (HPLC)

Source: Streptomyces parvalus
Solubility (50 mg/ml DMSO): Clear, Orange Solution
Solubility (10 mg/ml methanol): Clear, Orange Solution
OD241/OD441: 1.357
Melting Point: 252°C
Elemental Analysis:
-- C: 58.57%
-- H: 6.87%
-- N: 12.76%

Christina Marotta

09/15/2011 - Christina Marotta
MP Biomedicals, LLC.
Technical Director

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mailto:biotech@mpbio.com
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Technical Service: 1-800-279-5490 (440-337-1200) Customer Service: 1-800-854-0530 (440-337-1200)