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Certificate of Analysis

Product Description: Hygromycin B
Catalog Number: 194170
Lot: M6820**Formula:** C₂₀H₃₇N₃O₁₃
CAS #: 31282-04-9
Physical Description: Off-White Powder**Formula Weight:** 527.5
Storage: +4°C

Test	Specification	Result
Identity Test	Passes	Passes
Purity	~95%	92.2% (HPLC)
Activity	>1000 u/mg	1170 u/mg
FTIR	Conforms to Reference	Conforms to Reference

Heavy metals: <20 ppm
Cytotoxicity: Positive, CHO cell line
Endotoxicity: ≤10 EU/mg
Sulfated ash/Residue on ignition: <0.3%
Water: <8%

05/28/2013 - Christina Marotta
MP Biomedicals, LLC.
Technical Director

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Technical Service: 1-800-279-5490 (440-337-1200) Customer Service: 1-800-854-0530 (440-337-1200)