

**MP Biomedicals, LLC**29525 Fountain Parkway  
Solon, Ohio 44139Telephone: 440/337-1200  
Toll Free: 800/854-0530

## Certificate of Analysis

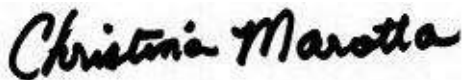
**Product Description:** Hygromycin B  
**Catalog Number:** 194170  
**Lot:** M7265

**Formula:** C<sub>20</sub>H<sub>37</sub>N<sub>3</sub>O<sub>13</sub>  
**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%



07/19/2013 - Christina Marotta  
MP Biomedicals, LLC.  
Technical Director

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