



**MP Biomedicals, LLC**

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## Certificate of Analysis

**Product Description:** Chlortetracycline Hydrochloride\_  
**Catalog Number:** 190327\_  
**Lot:** 1174J\_

**Formula:** C<sub>22</sub>H<sub>23</sub>ClN<sub>2</sub>O<sub>8</sub>.HCl  
**CAS #:** 64-72-2  
**Physical Description:** Powder

**Formula Weight:** 515.3  
**Storage:** -0°C, protect from light

Test	Specification	Result
Identity Test	Passes	Passes
Activity	≥900 u/mg	920.1 u/mg
Heavy Metals	≤100 ppm	≤50 ppm
Ash	≤0.5%	0.05%
Expiration Date	Month/Day/Year	12/31/2007

pH: 2.62  
Water: 0.68%  
Specific Optical Rotation: -241°  
Absorbance (460nm): 0.203

02/06/2006 - 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  
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