



**MP Biomedicals, LLC**

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## Certificate of Analysis

**Product Description:** Chlortetracycline Hydrochloride\_  
**Catalog Number:** 190327\_  
**Lot:** 4546E\_

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

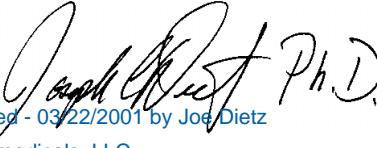
**Formula Weight:** 515.3  
**Storage:** -0°C, protect from light

Test	Specification	Result
Identity Test	Passes	Passes
Activity	≥ 900 u/mg	927.3 u/mg
Heavy Metals	≤ 100 ppm	Passes
Ash	≤ 0.5%	Passes
Expiration date	Month/Day/Year	02/07/05

Moisture: 0.69%

pH: 2.46

Specific Rotation: -242°

  
Approved - 03/22/2001 by Joe Dietz  
MP Biomedicals, LLC.  
Technical Director

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