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Certificate of Analysis

Product Description: Doxycycline Hydrochloride_
Catalog Number: 195044_
Lot: M7533_

Formula: C₂₂H₂₄N₂O₈·HCl
CAS #: 10592-13-9
Physical Description: Yellow Powder

Formula Weight: 480.9
Storage: +4°C, desiccate, protect from light

| Test | Specification | Result |
|-----------------------|----------------------|----------------------|
| Identity Test | Passes | Passes |
| FTIR | Conforms to Standard | Conforms to Standard |
| pH (10 mg/ml) | 2-3 | 2.4 |
| Solubility (10 mg/ml) | Clear solution | Clear solution |

Sulphated ash: 0.1%
Water: 2.1%
Assay: 97.8%

Christina Marotta

08/27/2013 - Christina Marotta
MP Biomedicals, LLC.
Technical Director

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Online Ordering, MSDSs, certificates of analysis and data sheets now available on our web site
Technical Service: 1-800-279-5490 (440-337-1200) Customer Service: 1-800-854-0530 (440-337-1200)