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Certificate of Analysis

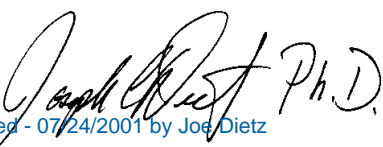
Product Description: Doxycycline Hydrochloride_
Catalog Number: 195044_
Lot: 6878E_

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: 2.5
Optical Rotation: -113°
Water: 2.2%
Assay: 89.9% (anhydrous, ethanol-free)


Approved - 07/24/2001 by Joe Dietz
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)