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Certificate of Analysis

Product Description: Doxycycline Hydrochloride_
Catalog Number: 195044_
Lot: Q8181_

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

Formula Weight: 480.9
Storage: desiccate, protect from light, 2 - 8°C

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: <0.4%
Water: 2.0%
Assay (HPLC): 98.1%
Heavy metals: <50 ppm
Recommended Retest Date: 02/28/2021

12/08/2017 - John Huang, PhD
MP Biomedicals, LLC.
Quality Control Manager

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