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Certificate of Analysis

Product Description: Oxytetracycline Dihydrate
Catalog Number: 151794
Lot: QR13975**Formula:** C₂₂H₂₄N₂O₉·2H₂O**CAS #:** 6153-64-6**Physical Description:** Light tan powder**Formula Weight:** 496.44**Storage:** 15-30°C

Test	Specification	Result
Identity Test	Passes	Passes
Assay	≥832 µg/mg	908 µg/mg
FTIR	Conforms to Standard	Conforms to Standard
pH (10% aq soln)	4.5 - 7.0	6.37
Water Content	≤9.0%	7.5%

UV Absorbance (353 nm, pH 2.0): 304
4-Epoxytetracycline: 0.4%
Tetracycline Hydrochloride: 1.3%
2-Acetyl-2-decarboxamido-Oxytetracycline: 1.5%
Heavy Metals: <50 ppm
Sulphated Ash: 0.03%
Recommended Retest Date: 04/27/2021



05/09/2017 - John Huang, PhD
MP Biomedicals, LLC.
Quality Control Manager

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