29525 Fountain Parkway Solon, Ohio 44139



Telephone: 440/337-1200

Toll Free: 800/854-0530

Certificate of Analysis

Product Description: Dexamethasone 21-Phosphate Disodium Salt

Catalog Number: 157565

Lot: Q1483

Formula: C,,H,,FO,Na,P CAS #: 2392-39-4

Physical Description: White Powder

Formula Weight: 516.4

Storage:

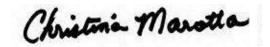
Test	Specification	Result
Purity	>97%	99.5%
Identity Test A	Passes	Passes
Identity Test B	Passes	Passes
FTIR	Conforms to Standard	Conforms to Standard
pH (1% aq soln)	7.5 - 10.5	8.3
Specific Rotation (c=10, water)	+74° to +82°	+79°
Free Dexamethasone	≤1.0%	<u><</u> 1.0%
Phosphate	≤1.0%	<u>≤1.0%</u>
Water and Alcohol Content	≤16.0%	4.3% (water) 0.0058% (alcohol)

Chromatographic purity:

- Total impurities: ≤2.0% - Any impurity: ≤1.0% Residual solvents:

- Methanol: 14 ppm

Recommended retest date:08/15/2019



01/21/2015 - Christina Marotta MP Biomedicals, LLC. **Technical Director**

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