



**MP Biomedicals, LLC**

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## Certificate of Analysis

**Product Description:** Dexamethasone, cell culture reagent\_  
**Catalog Number:** 194561\_  
**Lot:** M3033\_

**Formula:** C<sub>22</sub>H<sub>29</sub>FO<sub>5</sub>

**CAS #:** 50-02-2

**Physical Description:** White Powder

**Formula Weight:** 392.47

**Storage:** Room Temperature, protect from light

Test	Specification	Result
Identity Test	Passes	Passes
FTIR	Conforms to Standard	Conforms to Standard
Loss on Drying	#0.5%	0.5%
Optical Rotation	+72° to +80° (c=1, dioxane)	+75.9°

Melting Point: 244°C

Assay (HPLC): 99.5%

*Christina Marotta*

12/29/2011 - 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)