



**MP Biomedicals, LLC**

29525 Fountain Parkway  
Solon, Ohio 44139

Telephone: 440/337-1200  
Toll Free: 800/854-0530

Fax: 440/337-1180  
web: [www.mpbio.com](http://www.mpbio.com)

## Certificate of Analysis

**Product Description:** Hydrocortisone, cell culture reagent\_  
**Catalog Number:** 194569\_  
**Lot:** QR15737\_

**Formula:** C<sub>21</sub>H<sub>30</sub>O<sub>5</sub>  
**CAS #:** 50-23-7  
**Physical Description:** White Powder

**Formula Weight:** 362.47  
**Storage:** protect from light, 15 - 30°C

Test	Specification	Result
Identity Test	Passes	Passes
Purity	≥97%	99.3%
FTIR	Conforms to Standard	Conforms to Standard
Melting Point	205-222°C	205.3 - 210.7°C
Loss on Drying	≤1%	0.15%
UV/VIS: □ max	241 ± 3 nm (methanol)	241.42 nm
Optical Rotation (c=1, methanol)	+160 ± 10°	+169.08°

Recommended Retest Date: 06/28/2020

06/28/2018 - John Huang, PhD  
MP Biomedicals, LLC.  
Quality Control Manager

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<http://www.mpbio.com>

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