

**MP Biomedicals, LLC**

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Certificate of Analysis

Product Description: Hydrocortisone, cell culture reagent

Catalog Number: 194569

Lot: 4603B

Formula: $C_{21}H_{30}O_5$

CAS #: 50-23-7

Physical Description: White Powder

Formula Weight: 362.47

Storage: Room Temperature, protect from light

Test	Specification	Result
Identity Test	Passes	Passes
Purity	$\geq 97\%$	$\geq 97\%$
FTIR	Conforms to Standard	Conforms to Standard
Melting Point	205-222°C	215.9 - 217.4°C
Loss on Drying	$\leq 1\%$	0.2% (4hrs. @ 105°C)
UV/VIS: $\square$ max	241 $\pm$ 3 nm (methanol)	241.5 nm
Optical Rotation (c=1, methanol)	+160 $\pm$ 10°	170°

08/21/2000 - Joseph Dietz, Ph.D.

MP Biomedicals, LLC.

Technical Director

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<http://www.mpbio.com>

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)