



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

Certificate of Analysis

Product Description: para-Toluenesulfonic Acid Monohydrate_

Catalog Number: 103087_

Lot: M2680_

Formula: C₇H₈O₃S·H₂O

CAS #: 104-15-4

Physical Description: White Powder

Formula Weight: 190.2

Storage: Room Temperature, desiccate

Test	Specification	Result
Identity Test	Passes	Passes
Purity	#99%	99.9% (HPLC)
FTIR	Conforms to Standard	Conforms to Standard
Melting Point	97 - 107°C	105.2°C

Purity (Neutralization titration): 100.6%

Solubility in Water: Transparency

Drying Loss: 1.0%

Christina Marotta

11/15/2011 - Christina Marotta

MP Biomedicals, LLC.

Technical Director

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<mailto:biotech@mpbio.com>

<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)