



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: 2,3,5-Triphenyltetrazolium Chloride_
Catalog Number: 103126_
Lot: 5091K_

Formula: C₁₉H₁₅ClN₄

CAS #: 298-96-4

Physical Description: Tan Powder

Formula Weight: 334.80

Storage: +4°C, protect from light

Test	Specification	Result
Identity Test	Passes	Passes
FTIR	Conforms to Standard	Conforms to Standard
pH (0.1% aq soln)	4 - 8	4.34
□ max (water)	246 ± 5 nm	247 nm

Loss on Drying: 0.65%

Assay (by Titration): 99.30%

Melting Point; 242°C

Residue on Ignition: 0.03%

Solubility (0.1 g/10 ml Ethanol): Clear and Complete

Solubility (10 mg/10 ml Water): Clear and Complete

Christina Marotta

10/29/2009 - 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)