



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: Neutral Red
Catalog Number: 102438
Lot: 8402J

Formula: C₁₅H₁₇ClN₄

CAS #: 553-24-2

Physical Description: Very Dark Green Powder

Formula Weight: 288.8

Storage: Room Temperature

Test	Specification	Result
Identity Test	Passes	Passes
UV/Vis $\square\square\square\square$ max (EtOH)	540 \pm 5 nm	535 nm
pH (0.01% aq. soln)	3.4 - 5.4	3.96

Melting Point: 290°C

Dye Content: ~ 60%

Absorptivity (1%1cm, in EtOH): >900 (on dry basis)

Transition Range pH 6.8-8.0: Violet Red - Orange Yellow

Loss on Drying: <8%

02/26/2008 - Robert Beattie

MP Biomedicals, LLC.

Technical Director

This is an electronically generated document

<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)