



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: Indigo Carmine_
Catalog Number: 152638_
Lot: M3041_

Formula: C ₁₆ H ₈ N ₂ Na ₂ O ₈ S ₂ CAS #: 860-22-0 Physical Description: Black Powder	Formula Weight: 466.35 Storage: Room Temperature, protect from light
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Test	Specification	Result
Identity Test	Passes	Passes
UV/Vis: □ max (water)	605 - 615 nm	610 nm

Dye Content (dried basis): 88.52%
Loss on Drying: 3.98%
Visual Transition Interval: From pH 11.5 (blue) to pH 14.0 (yellow)
Aqueous Solubility: 1 gm in 100 ml @ 25° C
Subsidiary Dyes (excluding disodium 3,3-dioxo 2, 2-bi-indolyldine-5,7 disulfonate): 0.52%
Dye Intermediates: #0.50%
Arsenic: <1 ppm
Lead: <0.001%
Sulfur: 13.0 - 14.0%
Mercury: <1.00 mg/kg
Cadmium: <1.00 mg/kg
Heavy Metals (as Pb): #40.0 mg/kg

Christina Marotta

12/28/2011 - Christina Marotta
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)