



MP Biomedicals, LLC

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Certificate of Analysis

Product Description: Indigo Carmine_
Catalog Number: 152638_
Lot: 9506K_

Formula: C₁₆H₈N₂Na₂O₈S₂

CAS #: 860-22-0

Physical Description: Black Powder

Formula Weight: 466.35

Storage: Room Temperature, protect from light

Test	Specification	Result
Identity Test	Passes	Passes
UV/Vis: □ max (water)	608 - 610 nm	610nm

Dye content: 96.0%

Loss on drying: 3.8%

Visual transition interval: From pH 11.5 (blue)

Aqueous solubility: 1 gm in 100 ml @ 25° C

Subsidiary dyes, excluding disodium 3,3-dioxo 2, 2-bi-indolyldine-5,7 disulfonate: <0.50%

Dye intermediates: #0.50%

Arsenic: 2.3 ppm

Lead: 0.00032%

Sulfur: 13.0 - 14.0%

Mercury: 0.20 mg/kg

Cadmium: 0.23 mg/kg

Heavy metals: #40.0 mg/kg

Christina Marotta

02/01/2011 - Christina Marotta

MP Biomedicals, LLC.

Technical Director

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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)