

MP Biomedicals, LLC

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Certificate of Analysis

Product Description: Sudan IV
Catalog Number: 152648
Lot: S0583

Formula: C₂₄H₂₀N₄O
CAS #: 85-83-6
Physical Description: Dark Reddish Brown Powder

Formula Weight: 380.45
Storage: 15 - 30°C

Test	Specification	Result
Identity Test	Passes	Passes

Dye Content: 90.0%

Spectroscopy:

- Peak 521 nm in toluene
- Ratio 0.98 @ 506/536 nm
- Density @ peak: 0.645 au

Solubility (1 mg/ml, CHCl₃): Opaque dark red solution

Recommended Retest Date: 10/31/2023

12/19/2018 - John Huang, PhD
MP Biomedicals, LLC.
Quality Control Manager

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Technical Service: 1-800-279-5490 (440-337-1200) Customer Service: 1-800-854-0530 (440-337-1200)