

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-06 15:25:55

Date of Next Testing: 2029-08-05 15:25:55

Product Name: **Sudan I**

CAS Number: 842-07-9

Specifications & Purity: Dye content 96%

Lot #: H2505586

SKU #: **S112784**

Version: **0**

Analysis #: **544087**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Extinction Coefficient(223 - 233 nm c = 0.01g/L; Ethanol)	≥36000	36000.00000
Extinction (461 - 491 nm , c = 0.01g/L; Ethanol)	≥13000	13000.00000
Purity(HPLC)	96-100 (%)	99.92100 %
Nitrogen by Elemental Analysis	10.6-11.9 (%)	10.81700 %
Extinction (299 - 319 nm , c = 0.01g/L; Ethanol)	≥7000	7000.00000
Carbon by Elemental Analysis	72.8-82 (%)	75.77600 %
Appearance (S112784)	Orange to Red Powder,Solid,Crystals and/or Chunks	Orange to Red Powder,Solid,Crystals and/or Chunks
Solubility,Orange and clear(c = 1mg/ml, Chloroform)	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



QualityAssurance@aladdinsci.com

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager