

Certificate of Analysis

Date of Testing: 2023-02-24 18:32:42

Date of Next Testing: 2027-02-23 18:32:42

Product Name: **Sudan I**

CAS Number: 842-07-9

Specifications & Purity: Reagent Grade

Lot #: B2314193

SKU #: **S112783**

Analysis: 191618

Parameter	Limit Values	Result
Loss on drying	0-4 (%)	2.50%
Ignition Residue (as sulfate)	0-0.6 (%)	0.29%
Melting point	129-134 (°C)	131.36000 °C
Homogeneity	pass	Pass
Solubility in EtOH , clear,50mg/ml	pass	Pass
λ , λ_{\max} 418 nm	Pass	Pass
λ_{\max} 476 nm (2nd)	Pass	Pass



John Su
QA & QC Manager