

## Certificate of Analysis

Date of Testing: 2024-08-07 09:52:19  
Date of Next Testing: 2028-08-06 09:52:19  
Product Name: **Sudan I**  
CAS Number: 842-07-9  
Specifications & Purity: Reagent Grade  
Lot #: G2426408  
SKU #: **S112783**  
Version: **0**  
Analysis #: **396554**

Parameter	Limit Values	Result
Loss on drying	0-4 (%)	2.39%
Ignition Residue (as sulfate)	0-0.6 (%)	0.02%
Melting point	129-134 (°C)	130.45000 °C
Homogeneity	pass	Pass
Solubility in EtOH , clear,50mg/ml	pass	Pass
$\lambda$ , $\lambda_{\max}$ 418 nm	Pass	Pass
$\lambda_{\max}$ 476 nm (2nd)	Pass	Pass



John Su  
QA & QC Manager