

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-03-11 15:10:33

Date of Next Testing: 2029-03-10 15:10:33

Product Name: **Sudan II**

CAS Number: 3118-97-6

Specifications & Purity: $\geq 90\%$

Lot #: E2117264

SKU #: **S101006**Version: **0**Analysis #: **478778**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Melting point	158-161 (°C)	160.40000 °C
UV-visible spectrum(419-425nm,in mEtOH)	≥ 9000	9003.00000
UV-visible spectrum(491-497nm,in mEtOH)	≥ 14000	14007.00000
Purity(HPLC)	90-100 (%)	97.30000 %
Appearance (S101006)	Orange to Dark-red Powder	Orange to Dark-red Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in CHCL ₃ , Clear(10mg/ml)	pass	Pass

John Su
QA & QC Manager