

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-07-05 16:29:40

Date of Next Testing: 2027-07-04 16:29:40

Product Name: **Sudan IV**

CAS Number: 85-83-6

Specifications &amp; Purity: Analytical Reagent

Lot #: F2316795

SKU #: **S100286****Analysis: 188672**

Parameter	Limit Values	Result
Loss on drying	0-2.5 (%)	1.29 %
Dye Content	80-100 (%)	95.57 %
Lambda max (THF)	514-517 (nm)	516.00 nm
Absorbance(10mg/L,THF,514.0-517.0 nm) (calcd.on dried substan	≥0.78	1.10
Appearance (S100286)	Red to Very Dark Red and Red-Brown Powder	Red to Very Dark Red and Red-Brown Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure

John Su  
QA & QC Manager