

## Certificate of Analysis

Date of Testing: 2024-05-25 15:03:24  
Date of Next Testing: 2028-05-24 15:03:24  
Product Name: **Sudan IV**  
CAS Number: 85-83-6  
Specifications & Purity: Analytical Reagent  
Lot #: E2422490  
SKU #: **S100286**  
Version: **0**  
Analysis #: **354313**

Parameter	Limit Values	Result
Loss on drying	0-2.5 (%)	0.75 %
Dye Content	80-100 (%)	95.44 %
Lambda max (THF)	514-517 (nm)	516.00 nm
Absorbance(10mg/L,THF,514.0-517.0 nm) (calcd.on dried substan	≥0.78	0.98
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