

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Specification Sheet

Product Name: **Sudan I**  
Specifications & Purity: Dye content 96%  
SKU #: **S112784**

Parameter	Limit Values
Extinction Coefficient(223 - 233 nm c = 0.01g/L; Ethanol)	≥36000
Extinction (461 - 491 nm , c = 0.01g/L; Ethanol)	≥13000
Purity(HPLC)	96-100 (%)
Nitrogen by Elemental Analysis	10.6-11.9 (%)
Extinction (299 - 319 nm , c = 0.01g/L; Ethanol)	≥7000
Carbon by Elemental Analysis	72.8-82 (%)
Appearance (S112784)	Orange to Red Powder,Solid,Crystals and/or Chunks
Infrared spectrum	Conforms to Structure
Solubility,Orange and clear(c = 1mg/ml, Chloroform)	pass