

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-28 17:56:37

Date of Next Testing: 2029-08-27 17:56:37

Product Name: **Sudan Blue II**

CAS Number: 17354-14-2

Specifications & Purity: high-purity, ≥97%

Lot #: H2514567

SKU #: **S104465**

Version: **1**

Analysis #: **548731**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity	97-100 (%)	99.23000 %
Extinction Coefficient:λ 600 - 604 nm	≥13000	13005.25000
Extinction Coefficient:λ 648 - 652 nm	≥16000	16005.24000
Melting point	120-122 (°C)	121.60000 °C
Appearance (S104465)	Maroon to violet to blue powder or crystals	Maroon to violet to blue powder or crystals
Solubility in Chloroform , c = 4mg/ml	Conforms	Conforms
λ,c = 0.01g/L; Chloroform	Pass	Pass
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager