

Certificate of Analysis

Date of Testing: 2023-05-24 14:40:33
Date of Next Testing: 2027-05-23 14:40:33
Product Name: **Sudan Blue II**
CAS Number: 17354-14-2
Specifications & Purity: high-purity , 97%
Lot #: E23171124
SKU #: **S104465**
Analysis: **183049**

Parameter	Limit Values	Result
Purity	97-100 (%)	98.41%
Extinction Coefficient: λ 600 - 604 nm	≥ 13000	14000.00
Extinction Coefficient: λ 648 - 652 nm	≥ 16000	16500.00
Melting point	120-122 (°C)	121.20000 °C
Solubility in Chloroform , c = 4mg/ml	Conforms	Conforms
$\lambda, c = 0.01\text{g/L}$; Chloroform	Pass	Pass
Proton NMR spectrum	Conforms to structure	Conforms to Structure
Appearance (S104465)	Maroon to violet to blue powder or crystals	Maroon to violet to blue powder or crystals



John Su
QA & QC Manager