

Certificate of Analysis

Date of Testing: 2022-11-09 10:10:19

Date of Next Testing: 2026-11-08 10:10:19

Product Name: **Sudan Blue II**

CAS Number: 17354-14-2

Specifications & Purity: high-purity , 97%

Lot #: K2201816

SKU # **S104465**

Analysis: 122277

Parameter	Limit Values	Result
Purity	97-100 (%)	99.19%
Extinction Coefficient: λ 600 - 604 nm	≥ 13000	13561.00
Extinction Coefficient: λ 648 - 652 nm	≥ 16000	16700.00
Melting point	120-122 ($^{\circ}\text{C}$)	121.10000 $^{\circ}\text{C}$
Appearance (S104465)	maroon to violet powder or crystals	maroon to violet powder or crystals
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



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QA & QC Manager