

## Certificate of Analysis

Date of Testing: 2022-03-12 16:21:35  
Date of Next Testing: 2026-03-11 16:21:35  
Product Name: **Sudan Blue II**  
CAS Number: 17354-14-2  
Specifications & Purity: high-purity , 97%  
Lot #: C2211175  
SKU #: **S104465**  
Analysis: **082582**

Parameter	Limit Values	Result
Purity	97-100 (%)	97.41%
Extinction Coefficient: $\lambda$ 600 - 604 nm	$\geq 13000$	13010.00
Melting point	120-122 ( $^{\circ}\text{C}$ )	121.50000 $^{\circ}\text{C}$
Extinction Coefficient: $\lambda$ 648 - 652 nm	$\geq 16000$	16001.00
Appearance (S104465)	maroon to violet powder or crystals	maroon to violet powder or crystals
Solubility in Chloroform , c = 4mg/ml	Conforms	Conforms
$\lambda, c = 0.01\text{g/L}; \text{Chloroform}$	Pass	Pass
Proton NMR spectrum	Conforms to structure	Conforms to Structure



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QA & QC Manager