

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-08-28 18:26:30  
 Date of Next Testing: 2029-08-27 18:26:30  
 Product Name: **Sudan Blue II**  
 CAS Number: 17354-14-2  
 Specifications & Purity: high-purity, ≥97%  
 Lot #: H2514568  
 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