

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-03-11 15:50:20
 Date of Next Testing: 2027-03-11 15:50:20
 Product Name: **Sulforhodamine 101**
 CAS Number: 60311-02-6
 Specifications & Purity: $\geq 98\%$
 Lot #: C2506691
 SKU #: **S131262**
 Version: **0**
 Analysis #: **474121**
 Storage Temperature: Protected from light, Store at -20°C

Parameter	Limit Values	Result
Extinction Coefficient(573 - 579 nm, in EtOH)	≥ 105000	118497.00
Purity(HPLC)	98-100 (%)	99.10000 %
Nitrogen by Elemental Analysis (anhydrous)	4-5.1 (%)	4.52 %
Carbon by Elemental Analysis(anhydrous)	57.5-65 (%)	57.61 %
Appearance (S131262)	Green to Brown-Black Powder, Crystals or Granules	Green to Brown-Black Powder, Crystals or Granules
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in MeOH , Dark Pink, c= 1mg/ml	pass	Pass



John Su
QA & QC Manager