

Certificate of Analysis

Date of Testing: 2025-02-18 09:53:05

Date of Next Testing: 2027-02-18 09:53:05

Product Name: **Sulforhodamine 101**

CAS Number: 60311-02-6

Specifications & Purity: $\geq 98\%$

Lot #: E2316573

SKU #: **S131262**

Version: **0**

Analysis #: **472028**

Storage Temperature: Protected from light, Store at -20°C

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis (anhydrous)	4-5.1 (%)	4.00 %
Carbon by Elemental Analysis(anhydrous)	57.5-65 (%)	57.50 %
Extinction Coefficient(573 - 579 nm,in EtOH)	≥ 105000	118497.00
Purity(HPLC)	98-100 (%)	99.01000 %
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