

Certificate of Analysis

Date of Testing: 2022-12-14 14:57:19

Date of Next Testing: 2024-12-13 14:57:19

Product Name: **Sulforhodamine 101**

CAS Number: 60311-02-6

Specifications & Purity: 98%

Lot #: B2108133

SKU #: **S131262**

Analysis: **168141**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis (anhydrous)	4-5.1 (%)	4.30 %
Carbon by Elemental Analysis(anhydrous)	57.5-65 (%)	61.30 %
Extinction Coefficient(573 - 579 nm,in EtOH)	≥105000	110000.00
Purity(HPLC)	98-100 (%)	98.20000 %
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