

## Certificate of Analysis

Date of Testing: 2024-04-29 14:57:32  
Date of Next Testing: 2028-04-28 14:57:32  
Product Name: **Lissamine rhodamine B**  
CAS Number: 3520-42-1  
Specifications & Purity: >98% (HPLC)  
Lot #: D2418354  
SKU #: **L109289**  
Analysis: **345402**

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.20000 %
Absorbance(E1%1cm)(1.5g/L AcONH4 sol., 564.0 to 568.0 nm)	≥1800	1919.00
Carbon by Elemental Analysis	54.2-56.3 (%)	54.21 %
Nitrogen by Elemental Analysis	4.2-5.3 (%)	4.30 %
Appearance (L109289)	Green to Brown to Purple powder or crystals	Green to Brown to Purple powder or crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in MeOH , Orange to Red to Orange-Red ,Clear,1 mg/ml	pass	Pass



John Su  
QA & QC Manager