

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-30 10:45:51
Date of Next Testing: 2029-09-29 10:45:51
Product Name: **Lissamine rhodamine B**
CAS Number: 3520-42-1
Specifications & Purity: Ex:560nm, Em:580nm, ≥98%(HPLC)
Lot #: I2529425
SKU #: **L109289**
Version: **0**
Analysis #: **582689**
Storage Temperature: Protected from light, Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.08000 %
Absorbance(E1%1cm)(1.5g/L AcONH4 sol., 564.0 to 568.0 nm)	≥1800	1968.00
Nitrogen by Elemental Analysis	4.2-5.3 (%)	4.67 %
Carbon by Elemental Analysis	54.2-56.3 (%)	55.31 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance (L109289)	Green to Brown to Purple powder or crystals	Green to Brown to Purple powder or crystals
Solubility in MeOH , Orange to Red to Orange-Red ,Clear,1 mg/ml	pass	Pass



John Su
QA & QC Manager