

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-11-01 16:19:42

Date of Next Testing: 2027-10-31 16:19:42

Product Name: **Rhodamine B**

CAS Number: 81-88-9

Specifications & Purity: high-purity, ≥95%(HPLC)

Lot #: J2325677

SKU #: **R104961**

Version: **0**

Analysis #: **175955**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Lambda max	542-554 (nm)	550.00000 nm
Purity(HPLC)	95-100 (%)	99.28300 %
Absorbance(E1%1cm) (542.0 to 554.0 nm)	≥2000	2112.83186
Appearance (R104961)	Faint Green to Very Dark Green	Faint Green to Very Dark Green
	Powder	Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Faint Red to Red and Purple to Purple, Clear, 1mg/ml	pass	Pass



John Su
QA & QC Manager