

ALADDIN SCIENTIFIC CORPORATION
14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-01-14 13:25:47
Date of Next Testing: 2027-01-13 13:25:47
Product Name: **Rhodamine B**
CAS Number: 81-88-9
Specifications & Purity: high-purity, $\geq 95\%$ (HPLC)
Lot #: A2304507
SKU #: **R104961**
Version: **0**
Analysis #: **152704**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Lambda max	542-554 (nm)	547.00000 nm
Purity(HPLC)	95-100 (%)	98.73600 %
Absorbance(E1%1cm) (542.0 to 554.0 nm)	≥ 2000	2402.98507
Appearance (R104961)	Faint Green to Very Dark Green Powder	Faint Green to Very Dark Green 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