

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-05-27 15:41:57

Date of Next Testing: 2029-05-26 15:41:57

Product Name: **Rhodamine B base**

CAS Number: 509-34-2

Specifications & Purity: Dye content 97 %

Lot #: E2622012

SKU #: **R334821**

Version: **1**

Analysis #: **111168**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC area)	97-100 (%)	99.94900 %
Wavelength(C=0.0025 g/L in Methanol)	542-546 (nm)	542.00000 nm
Carbon by Elemental Analysis	73.3-78.6 (%)	76.19000 %
Nitrogen by Elemental Analysis	6.1-6.6 (%)	6.10000 %
Extinction Coefficient	>103000	103055.00000
Infrared spectrum	Conforms to	Conforms to
	Structure	Structure
Solubility in Ethanol, c=1mg/ml ,Orange and Red to Dark Red and Orange-Red and Red-Orange,Clear to Slightly Hazy	Pass	Pass



John Su
QA & QC Manager