

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-04-29 16:50:44

Date of Next Testing: 2029-04-28 16:50:44

Product Name: **Rhodamine 123**

CAS Number: 62669-70-9

Specifications & Purity: $\geq 98\%$

Lot #: D2528218

SKU #: **R299309**

Version: **0**

Analysis #: **496623**

Storage Temperature: Store at 2-8°C, Protected from light

Parameter	Limit Values	Result
Water by Karl Fischer	0-10 (%)	4.83070 %
Carbon by Elemental Analysis(anhydrous)	65-66.7 (%)	66.16400 %
Purity(UV-Vis)	98-100 (%)	99.34400 %
Nitrogen by Elemental Analysis (anhydrous)	6.8-7.9 (%)	7.36700 %
Appearance (R299309)	red to brown powder	red to brown powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in EtOH , Yellow-Orange Clear to Slightly Hazy(C=1mg/ml)	pass	Pass



John Su
QA & QC Manager