

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2024-11-19 17:27:52
Date of Next Testing:	2028-11-18 17:27:52
Product Name:	Rhodamine 123
CAS Number:	62669-70-9
Specifications & Purity:	≥98%
Lot #:	K2415064
SKU #	R299309
Version	0
Analysis #:	298146
Storage Temperature:	Store at 2-8°C

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis (anhydrous)	6.8-7.9 (%)	7.20 %
Carbon by Elemental Analysis(anhydrous)	65-66.7 (%)	65.03 %
Water by Karl Fischer	0-10 (%)	4.28 %
Purity(UV-Vis)	98-100 (%)	98.01 %
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