

Certificate of Analysis

Date of Testing: 2022-07-22 10:58:06
Date of Next Testing: 2026-07-21 10:58:06
Product Name: **Rhodamine 123**
CAS Number: 62669-70-9
Specifications & Purity: 98%
Lot #: G2219230
SKU #: **R299309**
Analysis: 116781
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis (anhydrous)	6.8-7.9 (%)	6.82 %
Carbon by Elemental Analysis(anhydrous)	65-66.7 (%)	65.06 %
Water by Karl Fischer	0-10 (%)	9.67 %
Purity(UV-Vis)	98-100 (%)	98.33 %
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