

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-17 11:29:41

Date of Next Testing: 2029-09-16 11:29:41

Product Name: **Rhodamine 6G**

CAS Number: 989-38-8

Specifications & Purity: $\geq 95\%$

Lot #: L2106756

SKU #: **R105624**

Version: **0**

Analysis #: **572913**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	5-6.2 (%)	5.11800 %
Dye Content	95-100 (%)	96.85700 %
Carbon by Elemental Analysis	66.5-74 (%)	68.23400 %
UV-vis spectrum E1%($\lambda_{\max}$:525nm in H ₂ O)	≥ 1700	1891.66500
Appearance (R105624)	red to brown powder	red to brown powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility, Dark red solution(1mg/ml, water)	pass	Pass



John Su
QA & QC Manager