

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-08-10 13:50:21

Date of Next Testing: 2026-08-09 13:50:21

Product Name: **Rhodamine 6G**

CAS Number: 989-38-8

Specifications & Purity: 95%

Lot #: J1819011

SKU #: **R105624****Analysis: 123463**

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	5-6.2 (%)	5.59%
Dye Content	95-100 (%)	95.26%
Carbon by Elemental Analysis	66.5-74 (%)	67.80%
UV-vis spectrum E1%(λ_{max} :525nm in H ₂ O)	≥ 1700	2123.63
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