

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-06-28 11:00:20

Date of Next Testing: 2026-06-27 11:00:20

Product Name: **Rhodamine 6G**

CAS Number: 989-38-8

Specifications & Purity: 95%

Lot #: F2223398

SKU #: **R105624****Analysis: 093370**

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	5-6.2 (%)	5.57 %
Dye Content	95-100 (%)	96.16 %
Carbon by Elemental Analysis	66.5-74 (%)	67.98 %
UV-vis spectrum E1%(λ_{max} :525nm in H ₂ O)	≥ 1700	1784.00
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