

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-02-17 17:26:09

Date of Next Testing: 2027-02-16 17:26:09

Product Name: **Rhodamine 6G**

CAS Number: 989-38-8

Specifications &amp; Purity: 95%

Lot #: B2311131

SKU #: **R105624****Analysis: 175428**

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	5-6.2 (%)	5.66%
Dye Content	95-100 (%)	97.31%
Carbon by Elemental Analysis	66.5-74 (%)	67.57%
UV-vis spectrum E1%( $\lambda_{max}$ :525nm in H <sub>2</sub> O)	$\geq 1700$	1929.03
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