

Certificate of Analysis

Date of Testing: 2023-02-17 18:17:23

Date of Next Testing: 2027-02-16 18:17:23

Product Name: **Rhodamine 6G**

CAS Number: 989-38-8

Specifications & Purity: 95%

Lot #: B2311113

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%(λ_{max} :525nm in H ₂ O)	≥ 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