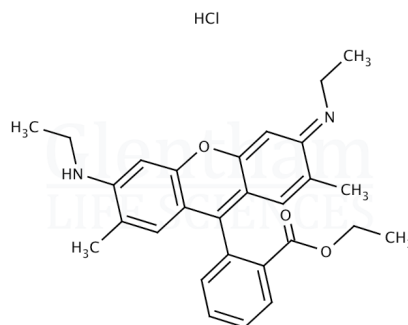


Certificate of Analysis

Product Name	Rhodamine 6G (C.I. 45160)
Glentham Code	GT5023
CAS Number	989-38-8
EINECS	213-584-9
Farindex	45160
MDL-Nummer	MFCD00012665
PubChem SID	310279693
Batch Number	938LJA

Molecular Weight	479.02
Molecular Formula	C ₂₈ H ₃₁ ClN ₂ O ₃
Storage Temp.	+20°C



Property	Specification	Batch 938LJA
Physical Description	Red to brown-red powder	Brown-red powder
Solubility (0.1% in water)	Clear, red to dark red solution	Clear, dark red solution
Wavelength of Maximum Absorption (λ _{max})	525.0 - 535.0 nm (in ethanol)	530.0nm
Specific Absorption (E1%/1cm)	≥ 1750 (in λ _{max})	2215
Loss on Drying	≤ 10.0%	4.8%

Specification Version	v1.0
Manufacture Date	2023-08-23
Re-Test Date	2033-10-13

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2025