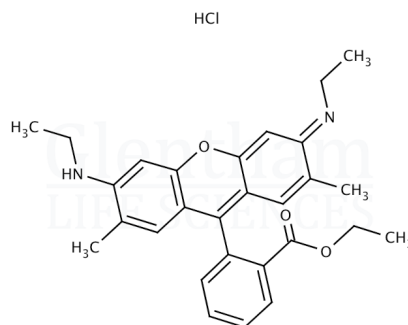


Certificate of Analysis

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

Molecular Weight 479.02
Molecular Formula $C_{28}H_{31}ClN_2O_3$
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	$\leq 10.0\%$	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.

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