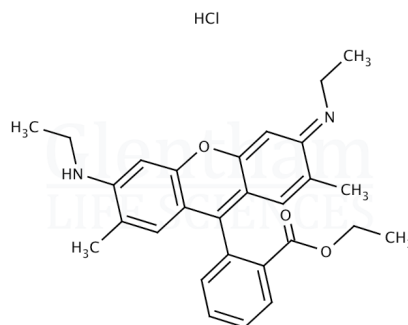


## Certificate of Analysis

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 ( $\lambda_{max}$ )	525.0 - 535.0 nm (in ethanol)	530.0nm
Specific Absorption (E1%/1cm)	$\geq 1750$ (in $\lambda_{max}$ )	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](http://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