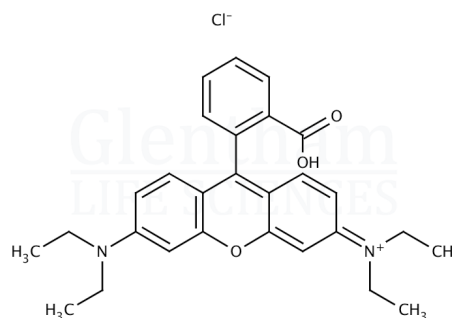


Certificate of Analysis

Product Name Rhodamine B (C.I. 45170)
Glentham Code GT7006
CAS Number 81-88-9
EINECS 201-383-9
Colour Index 45170
MDL Number MFCD00011931
PubChem SID 310279690
Batch Number 087MDT

Molecular Weight 479.02
Molecular Formula $C_{28}H_{31}ClN_2O_3$
Storage Temp. +20°C



Property	Specification	Batch 087MDT
Physical Description	Faint green to dark green or red/purple powder	Dark green powder
Solubility (0.1% in water)	Clear, complete	Conforms
Wavelength of Maximum Absorption	545 - 560 nm	555.0 nm
Absorbance	≤ 0.50 (2mg/l in water + 1ml acetic acid, λ _{max})0.445	
Water	≤ 5.0%	1.2%
pH (1% in water)	2.0 - 4.0	2.5
Water Insoluble Matter	≤ 0.5%	0.27%

Specification Version v1.0
Manufacture Date 2015-12-18
Re-Test Date 2029-11-06

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, 2024