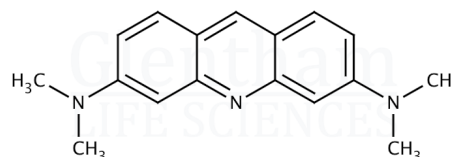


Certificate of Analysis

Product Name	Acridine Orange base
Glentham Code	GT9731
CAS Number	494-38-2
MDL-Nummer	MFCD00005029
Farbindex	46005
Batch Number	359DHR
Molecular Weight	265.35
Molecular Formula	C ₁₇ H ₁₉ N ₃
Storage Temp.	+20°C



Property	Specification	Batch 359DHR
Physical Description	Orange to brown powder	Brown powder
Solubility (0.1% in 1M HCl)	Clear, orange to dark red-brown solution	Clear, orange solution
Wavelength of Maximum Absorption (λ _{max})	485 - 492 nm	491nm
UV-VIS Absorption	≥ 35000 (λ _{max} at ~489nm, 4mg/L MeOH)	46653
UV-VIS Absorption	≥ 20000 (λ _{max} at ~292nm, 4mg/L MeOH)	20364
UV-VIS Absorption	≥ 40000 (λ _{max} at ~269nm, 4mg/L MeOH)	42505
UV-VIS Absorption	≥ 14000 (λ _{max} at ~230nm, 4mg/L MeOH)	16216

Specification Version	v1.0
Manufacture Date	2019-08-01
Re-Test Date	2033-05-01

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