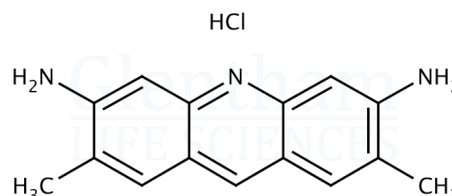


Certificate of Analysis

Product Name Acridine Yellow G (C.I. 46025)
Glentham Code GT5724
CAS Number 135-49-9
EINECS 205-194-2
Colour Index 46025
MDL Number MFCD00012661
PubChem SID 310265805
Batch Number 839KPP

Molecular Weight 273.76
Molecular Formula $C_{15}H_{15}N_3 \cdot HCl$
Storage Temp. +20°C



Property	Specification	Batch 839KPP
Physical Description	Dark orange to very dark brown crystalline powder	Conforms
Solubility (0.1% in water)	Clear, yellow to orange solution	Clear solution
Loss on Drying	≤ 10.0%	1.0%
Wavelength of Maximum Absorption (λ_{max})	439 - 445 nm (λ_{max1} , in water)	443nm
	262 - 268 nm (λ_{max2} , in water)	264nm
Extinction Coefficient	≥ 30000 (at λ_{max1})	31650
	≥ 44000 (at λ_{max2})	45210
Dye Content	≥ 90.0%	93.62%

Specification Version v1.0
Manufacture Date 2015-08-01
Re-Test Date 2025-11-06

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.

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