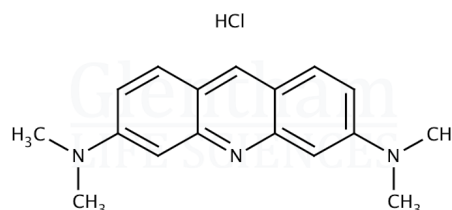


Certificate of Analysis

Product Name Acridine Orange hydrochloride hydrate
Glentham Code GL1836
CAS Number 65-61-2
EINECS 200-614-0
MDL Number MFCD00012660
PubChem SID 310265803
Batch Number 529EOD

Molecular Weight 301.81 (anhydrous)
Molecular Formula $C_{17}H_{19}N_3 \cdot HCl \cdot xH_2O$
Storage Temp. +20°C



Property	Specification	Batch 529EOD
Physical Description	Dark orange to dark red powder	Dark red powder
Loss on Drying	≤ 10.0%	5.74%
Identification	IR	Conforms
Wavelength of Maximum Absorption	Lamba 1: 489 - 495 nm	489.0 nm
	Lamba 2: 265 - 271 nm	268.0 nm
	Lamba 3: 227 - 233 nm	230.0 nm
Absorptivity	Lambda 1: ≥ 35000	35415
	Lambda 2: ≥ 35000	40832
	Lambda 3: ≥ 14000	14503
Solubility	In water: Clear, red-orange solution	Clear orange solution

Specification Version v1.0
Manufacture Date 2019-02-10
Re-Test Date 2030-02-17

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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