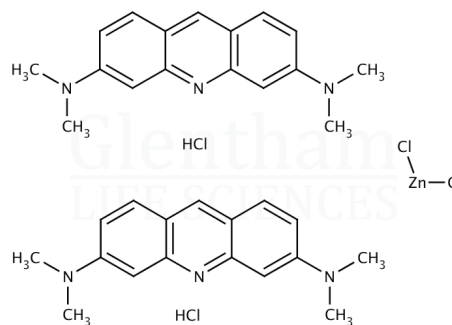


Certificate of Analysis

Product Name	Acridine Orange hemi(zinc chloride) salt (C.I. 46005)
Glentham Code	GT9224
CAS Number	10127-02-3
EINECS	233-353-6
Colour Index	46005
MDL Number	MFCD00081043
PubChem SID	310265802
Batch Number	860HJW
Molecular Weight	369.96
Molecular Formula	$C_{17}H_{20}ClN_3 \cdot 0.5ZnCl_2$
Storage Temp.	+20°C



Property	Specification	Batch 860HJW
Physical Description	Orange to red or brown powder	Brown powder
Identification	IR	Conforms to standard
Solubility (0.1% in water)	Clear orange to red-orange to brown solution	Conforms
Loss on Drying	≤ 5.0%	3.92%
Extinction Coefficient	≥ 38000 (489 to 495nm)	42619
	≥ 18000 (285 to 291nm)	20219
	≥ 38000 (265 to 271nm)	43019

Specification Version	v1.1
Manufacture Date	2023-02-01
Re-Test Date	2033-05-04

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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