

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-05-25 17:55:34

Date of Next Testing: 2029-05-24 17:55:34

Product Name: **Acridine Orange Hydrochloride (hydrate)**

CAS Number: 65-61-2(anhydrous)

Specifications & Purity: $\geq 99\%$

Lot #: E2622249

SKU #: **A752184**

Version: **1**

Analysis #: **698518**

Storage Temperature: Protected from light, Store at -20°C , Argon charged

Parameter	Limit Values	Result
Extinction Coefficient(489-495 nm)(c=0.005g/L; Water)	≥ 35000	40149.99000
Extinction Coefficient(265-271nm)(c=0.005g/L; Water)	≥ 35000	41018.84000
Extinction Coefficient(227-233nm)(c=0.005g/L; Water)	≥ 14000	18748.86000
Water by Karl Fischer	< 20 (%)	13.12440 %
Purity(HPLC area)	99-100 (%)	99.93600 %
Appearance(A752184)	Powder	Powder
Solubility(c=0.1%, H ₂ O, Orange to Red-Orange, Clear)	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager