

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name:	Acridine Orange Hydrochloride (hydrate)
Specifications & Purity:	≥99%
SKU #	A752184

Parameter	Limit Values
Appearance(A752184)	Powder
Solubility(c=0.1%, H2O,Orange to Red-Orange,Clear)	pass
Extinction Coefficient(489-495 nm)(c=0.005g/L; Water)	≥35000
Extinction Coefficient(265-271nm)(c=0.005g/L;Water)	≥35000
Extinction Coefficient(227-233nm)(c=0.005g/L;Water)	≥14000
Purity(HPLC area)	99-100 (%)
Infrared spectrum	Conforms to Structure
Water by Karl Fischer	<20 (%)