



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-358795
Lot Number: SAMPLE
Product Name: **Acridine Orange Stain**
CAS Number: 494-38-2
Molecular Formula:
Molecular Weight:

Test	Specification	Result
Appearance	Orange to brown powder	Brown powder
Solubility	Clear, orange to dark red-brown solution at 0.1% in 1 M HCl	Clear orange solution
UV Absorption	≥ 35000 (λ_{max} at ~ 489 nm, 4 mg/L MeOH)	46653
	≥ 20000 (λ_{max} at ~ 292 nm, 4 mg/L MeOH)	20364
	≥ 40000 (λ_{max} at ~ 269 nm, 4 mg/L MeOH)	42505
	≥ 14000 (λ_{max} at ~ 230 nm, 4 mg/L MeOH)	16216
λ_{max}	485 - 492 nm	491 nm

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

Santa Cruz Biotechnology, Inc. 800.457.3801 831.457.3800 fax 831.457.3801 Europe +00800 4573 8000 49 62221 4503 0 www.scbt.com