



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-214229A
Lot Number: SAMPLE
Product Name: 4-Carboxy-9-acridanone
CAS Number: 24782-64-7
Molecular Formula: $C_{14}H_9NO_3$
Molecular Weight: 239.23

Test	Specification	Result
Appearance	Yellow solid	Yellow solid
Identification (NMR)	Complies with structure	Complies
Purity (HPLC)	$\geq 95\%$	99 %
Purity (TLC)	$> 95\%$	99 %
Extinction Coefficient	$11,000 \pm 1,000 \text{ cm}^{-1}\text{M}^{-1}$	$10,880 \text{ cm}^{-1}\text{M}^{-1}$
λ_{max}	$408 \pm 3 \text{ nm}$	408 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.

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