



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-214434
Lot Number: SAMPLE
Product Name: 9-Anthryldiazomethane
CAS Number: 10401-59-9
Molecular Formula: $C_{15}H_{10}N_2$
Molecular Weight: 218.26

Test	Specification	Result
Appearance	$\geq 90 \%$	Red-orange solid
Purity (HPLC)		92 % at 254 nm
Purity (TLC)	$\geq 90 \%$	> 98 %
Extinction Coefficient	$7500 \pm 700 \text{ cm}^{-1}\text{M}^{-1}$	7400 $\text{cm}^{-1}\text{M}^{-1}$
Fluorescence Emission Max	$413 \pm 4 \text{ nm}$	410 nm
λ_{max}	$400 \pm 3 \text{ nm}$	399 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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