



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-215770
Lot Number: SAMPLE
Product Name: Quinacrine mustard dihydrochloride
CAS Number: 4213-45-0
Molecular Formula: $C_{23}H_{28}Cl_3N_3O \cdot 2HCl$
Molecular Weight: 541.77

Test	Specification	Result
Appearance		Yellow Solid
Assay (Elemental Analysis)		99%
NMR		Complies
Absorption Excitation (1)	283 \pm 3nm	283 nm
Extinction Coefficient (1)	55,000 \pm 4,000 cm-1M-1	56,500 cm-1M-1
Absorption Excitation (2)	425 \pm 3nm	426 nm
Extinction Coefficient (2)		12,500 cm-1M-1
Absorption Excitation (3)	449 \pm 3nm	448 nm
Extinction Coefficient (3)		12,000 cm-1M-1

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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