



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-214235
Lot Number: SAMPLE
Product Name: 4-Dimethylamino-4'-nitrostilbene
CAS Number: 2844-15-7
Molecular Formula: $C_{16}H_{16}N_2O_2$
Molecular Weight: 268.31

Test	Specification	Result
Appearance (Color)	Red to deep red	Deep red
Appearance (Form)	Powder to fine crystals with lumps	Powder
Identification (1H -NMR)	Consistent with structure	Complies
Purity (Titration)	99.5 - 100.5%	99.5%
Melting Point	256 - 259 °C	256 °C
Luminescence	Consistent with requirements	Complies
Carbon Content	71.61%	71.57%
Hydrogen Content	6.02%	5.93%
Nitrogen Content	10.43%	10.41%

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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