



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-222982
Lot Number: SAMPLE
Product Name: 1,3-Dinitropyrene
CAS Number: 75321-20-9
Molecular Formula: $C_{16}H_8N_2O_4$
Molecular Weight: 292.25

Test	Specification	Result
Appearance	Yellow to orange powder or crystals	Orange crystalline powder
Identification (Infrared Spectrum)		Consistent with structure
Purity (TLC)	99%	Complies
Solubility	Clear, yellow to yellow-green at 2 mg/ml in DMSO	Clear yellow solution
Carbon Content	64.8% - 66.7%	65.40%
Nitrogen Content	9.4% - 9.8%	9.48%

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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