



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-238344
Lot Number: SAMPLE
Product Name: 2,4-Dinitrodiphenylamine
CAS Number: 961-68-2
Molecular Formula: $C_{12}H_9N_3O_4$
Molecular Weight: 259.22

Test	Specification	Result
Appearance (Color)	Orange to very dark orange and red to very dark red and orange-red and red-orange	Red-orange
Appearance (Form)	Powder or crystals or fibers	Powder
Purity (TLC)	$\geq 98\%$	Complies
Solution (Color)	Orange to very dark orange and red to very dark red and orange-red and red-orange	Orange
Solution (Turbidity)	Clear	Complies
Infrared Spectrum	Conforms to structure	Complies
Carbon Content	54.2 - 57.0%	55.6%
Nitrogen Content	15.8 - 16.6%	16.3%

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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