



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-251554
Lot Number: SAMPLE
Product Name: 1,2-Cyclohexanedione dioxime
CAS Number: 492-99-9
Molecular Formula: $C_6H_{10}N_2O_2$
Molecular Weight: 142.16

Test	Specification	Result
Appearance	Off white to brown powder	Off white powder
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (HPLC)	$\geq 95.5\%$	99.3%
Solubility	Clear yellow to orange to brown at 25 mg/ml in Methanol: $CHCl_3$ (1: 1)	Clear yellow-brown
Carbon Content	47.8 - 53.0%	50.3%
Nitrogen Content	18.8 - 20.6%	19.4%

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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