



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-235996
Lot Number: SAMPLE
Product Name: N-Benzyl-2-nitro-1H-imidazole-1-acetamide
CAS Number: 22994-85-0
Molecular Formula: $C_{12}H_{12}N_4O_3$
Molecular Weight: 260.25

Test	Specification	Result
Appearance	White to tan powder or crystals	White powder
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (TLC)	$\geq 97\%$	$> 99\%$
Solubility	Clear colorless to yellow solution at 50 mg/ml in methanol	Clear light yellow at 50 mg/ml in methanol
Carbon Content	53.4% - 57.3%	55.2%
Nitrogen Content	20.8 - 22.3%	21.4%

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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