



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-200332
Lot Number: SAMPLE
Product Name: D-NG-Monomethylarginine (D-NMMA)
CAS Number: 137694-75-8
Molecular Formula: $C_7H_{16}N_4O_2CH_3COOH$
Molecular Weight: 248.3

Test	Specification	Result
Appearance	White to off white powder	White powder
Purity (TLC)	$\geq 99\%$	99.5%
Melting Point	180 - 190 °C	186 - 188 °C
Solubility	50 mg in 1 ml MeOH or 100 mg in 1 ml water completely soluble	Complies
Optical Rotation	$-11.0^\circ \pm 2.0^\circ$	-11.4°
Carbon Content	43.54%	43.39%
Hydrogen Content	8.12%	8.13%
Nitrogen Content	22.57%	22.63%

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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