



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-236606
Lot Number: SAMPLE
Product Name: (R)-(+)-Lactamide
CAS Number: 598-81-2
Molecular Formula: $C_3H_7NO_2$
Molecular Weight: 89.09

Test	Result
Appearance	White to beige solid, powder, crystals, crystalline powder and/or chunks
Identification (Infrared Spectrum)	Conforms to structure
Purity (GC)	$\geq 96.5\%$
Optical Rotation	18.5 - 21.5° (c = 10, H ₂ O)
Carbon Content	39.0 - 41.9%
Nitrogen Content	15.2 - 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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