



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-216113
Lot Number: SAMPLE
Product Name: 1-Amino-1-deoxy- β -D-galactose
CAS Number: 74867-91-7
Molecular Formula: $C_6H_{13}NO_5$
Molecular Weight: 179.17

Test	Specification	Result
Appearance	White powder	Complies
Identification (NMR)		Consistent with structure
Purity (TLC)	$\geq 98.00\%$	99.50%
Residual Solvents	Ethanol : $\leq 1.00\%$ (NMR)	0.00%
Solubility	Clear and colorless solution at 19.60 - 20.40 mg/ml in water	Clear and colorless solution at 20.0 mg/ml in water
Specific Rotation	60.00 - 64.00° (18.00 - 22.00 mg/ml in water)	62.50° (20.00 mg/ml in water)
Carbon Content	39.72 - 40.72%	40.46%
Nitrogen Content	7.32 - 8.32%	8.17%
Water Content (KF)	$\geq 0.00\%$	0.16%

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.

Santa Cruz Biotechnology, Inc. 800.457.3801 831.457.3800 fax 831.457.3801 Europe +00800 4573 8000 49 62221 4503 0 www.scbt.com