



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-480584
Lot Number: SAMPLE
Product Name: 4-Amino-cis-L-proline Dihydrochloride
CAS Number: 16257-84-4
Molecular Formula: $C_5H_{10}N_2O_2 \cdot 2HCl$
Molecular Weight: 203.07

Test	Specification	Result
Appearance	Pale yellow to light yellow solid	Light yellow solid
Identification (NMR)	Consistent with structure	Complies
Identification (Mass Spectrometry)	Consistent with structure	Complies
Purity (TLC)		98%
Solubility		~4 mg/mL in Water ~1 mg/mL in Methanol (Heated)
Specific Rotation		-31.9° (c = 0.3, Water)
Carbon Content	29.57%	29.71%
Hydrogen Content	5.96%	6.06%
Nitrogen Content	13.8%	13.85%

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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