



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-294261
Lot Number: SAMPLE
Product Name: D-Thiaproline
CAS Number: 45521-09-3
Molecular Formula: $C_4H_7NO_2S$
Molecular Weight: 133.17

Test	Result
Appearance	White powder
Identification (FTIR)	Consistent with structure
Purity (TLC)	$\geq 98\%$
TLC	Rf = 0.5 , one spot (Butanol: AcOH: water 2: 1: 1 (v/v/v)) Rf = 0.5 , one spot (EtOAc: butanol: AcOH; Water (2: 1: 1)v/v/v/v)
Melting Point	195 °C
Solubility	1 mmol in 1ml 3 N HCl: Clear solution
Specific Rotation	138.7° (c = 1, water)

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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