



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-300885
Lot Number: SAMPLE
Product Name: L-Leucyl-L-alanine
CAS Number: 7298-84-2
Molecular Formula: $C_9H_{18}N_2O_3$
Molecular Weight: 202.25

Test	Result
Appearance	White powder
Assay (Elemental Analysis)	74.3% (Nth 13.85%, Nfd 10.29%)
Identification (TLC)	Complies with authentic material
Purity (TLC)	> 99%
Solubility	Clear, colorless solution (50 mg/mL in acetic acid)
Specific Rotation ($\alpha_{24/D}$)	+21.1° (2% in methanol, corrected for assay)
Impurity	< 0.2% Z-Leu-Ala-OH (TLC)
Water Content (KF)	26.0%

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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