



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-289902
Lot Number: SAMPLE
Product Name: 4-Amino-DL-phenylalanine
CAS Number: 2922-41-0
Molecular Formula: $C_9H_{12}N_2O_2$
Molecular Weight: 180.20

Test	Specification	Result
TLC		$R_f = 0.45$ (Isopropanol/ammonia conc 1/1 (v/v)) $R_f = 0.35$ (Ethylacetate/Pyridine/Acetic acid /H ₂ O 5/5/1/3 (v/v/v/v))
Solubility		Clear, colorless solution (50 mg/ml in AcOH 80%)
Carbon Content	54.43%	54.44%
Hydrogen Content	7.12%	7.13%
Nitrogen Content	14.13%	14.15%
Water Content	9.1%	9.6%

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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