



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-250935
Lot Number: SAMPLE
Product Name: (S)-(+)-1-Aminoethylphosphonic acid
CAS Number: 66068-76-6
Molecular Formula: $C_2H_8NO_3P$
Molecular Weight: 125.06

Test	Specification	Result
Appearance		White powder
Identification		Conforms
Purity (TLC)	>99%	Conforms
Melting Point		290°C
Solubility		50 mg/mL in H ₂ O, clear, colorless solution
Optical Rotation		+4.8° (5%, H ₂ O)
Titration		100.8% (with NaOH)

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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