



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-498321
Lot Number: SAMPLE
Product Name: P-[(1R,2R)-1,2-Dihydroxypropyl]-phosphonic acid ammonium salt
CAS Number: 1160525-87-0
Molecular Formula: $C_3H_9O_5P$
Molecular Weight: 156.07

Test	Specification	Result
Appearance	White solid	Complies
Identification (1H-NMR)	Conforms to structure	Complies
Identification (31P-NMR)	Conforms to structure	Complies
Identification (Mass Spectrometry)	Conforms to structure	Complies
Purity (TLC)	95 %	Complies
Elemental Analysis	%C: 18.95, %H: 7.95, %N: 14.73	%C: 17.75, %H: 8.09, %N: 12.84
Melting Point	> 125 °C (dec.)	Complies
Ammonium	13.76 % (by Ion Chromatography)	Complies
Water Content (KF)	9.3 %	Complies

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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