



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-227823
Lot Number: SAMPLE
Product Name: Diethyl (2-cyanoethyl)phosphonate
CAS Number: 10123-62-3
Molecular Formula: $C_7H_{14}NO_3P$
Molecular Weight: 191.16

Test	Specification	Result
Appearance	Clear colourless liquid	Complies
Identification (31P-NMR)	Consistent with structure	Complies
Purity		95%
Purity (1H-NMR)	> 94%	> 95%
Purity (GC)	> 94% by area	99.5% by area
Refractive Index	1.4300 - 1.4500	1.4391 at 19.1 °C
Water Content (KF)	≤ 2.5%	0.356%

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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