



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-216989
Lot Number: SAMPLE
Product Name: 4-Nitrophenyl phenylphosphonate
CAS Number: 57072-35-2
Molecular Formula: $C_{12}H_{10}NO_5P$
Molecular Weight: 279.19

Test	Specification	Result
Appearance	Off white to faint yellow powder	Off-white powder
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (TLC)	$\geq 98\%$	100%
Solubility	Clear and faint yellow solution at 50 mg/ml in acetone	Complies
Impurity	Free P-Nitrophenol: $\leq 0.01\%$	Free P-Nitrophenol: 0.00%
Carbon Content	50.6 - 52.6%	51.4%
Nitrogen Content	4.8 - 5.2%	5.0%

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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