



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-281423
Lot Number: SAMPLE
Product Name: 4-Methylumbelliferyl phosphate bis (cyclohexylammonium) salt
CAS Number: 128218-53-1
Molecular Formula: $C_{22}H_{35}N_2O_6P$
Molecular Weight: 454.50

Test	Specification	Result
Appearance (Color)	white to off-white	white
Appearance (Turbidity)	≤ 2.0 NTU	0.5 NTU
Appearance (Form)	crystalline powder	crystalline powder
TLC	corresponds to reference material	Complies
Color of Solution	colorless	colorless
FTIR	corresponds to reference spectrum	Complies
Free 4-Methylumbelliferone	≤ 25 mg/kg	<2 5 mg/kg
Perchloric Acid Titration	99.0 - 101.0%	100.2%
Water Content (KF)	$\leq 12.0\%$	9.9%

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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