



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-360261
Lot Number: SAMPLE
Product Name: Magnesium Acetate Tetrahydrate, Molecular Biology Grade
CAS Number: 16674-78-5
Molecular Formula: $(\text{CH}_3\text{COO})_2\text{Mg}\cdot 4\text{H}_2\text{O}$
Molecular Weight: 214.45

Test	Specification	Result
Appearance	White powder	Complies
Purity (Titration)	$\geq 99\%$	101%
Solubility	Colorless, clear solution at 100 mg/ml in HOAc: H_2O (1: 99)	Complies
Heavy Metals (Pb)	≤ 5 ppm	Complies
Barium	$\leq 0.001\%$	Complies
Chloride	$\leq 0.001\%$	Complies
Iron	≤ 5 ppm	Complies
Potassium	$\leq 0.005\%$	Complies
Sodium	$\leq 0.005\%$	Complies
Sulfate	$\leq 0.005\%$	Complies
DNase	None detected	Complies
Exonuclease	None detected	Complies
Protease	None detected	Complies
RNase	None detected	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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