



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-202926  
Lot Number: SAMPLE  
Product Name: Aluminum nitrate nonahydrate  
CAS Number: 7784-27-2  
Molecular Formula:  $\text{AlN}_3\text{O}_9 \cdot 9\text{H}_2\text{O}$   
Molecular Weight: 375.13

Test	Result
Appearance	White crystals
Purity (Titration)	99.88%
Melting Point	~ 73 °C
Solubility	64 g in 100 mL at 25 °C in water
Heavy Metals (Pb)	< 0.001%
Insoluble Matter	0.003%
Calcium	0.0009%
Chloride	< 0.001%
Iron	< 0.002%
Magnesium	0.0007%
Potassium	0.0012%
Sodium	0.0042%
Sulfate	< 0.005%

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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