



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-202927B
Lot Number: SAMPLE
Product Name: Aluminum potassium sulfate dodecahydrate
CAS Number: 7784-24-9
Molecular Formula: $\text{AlK}(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$
Molecular Weight: 474.39

Test	Result
Appearance	White crystalline powder
Purity (Titration)	99.8%
Melting Point	~ 92 °C
Solubility	5.7 g in 100 mL water at 0 °C; extremely soluble in hot water
Heavy Metals (Pb)	≤ 0.001%
Insoluble Matter	0.003%
Loss on Drying	45.45%
Ammonium	< 0.005%
Chloride	< 5 ppm
Fluoride	< 0.003%
Iron	< 0.001%
Lead	3 ppm
Selenium	< 0.003
Sodium	0.011%

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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