



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-202928  
Lot Number: SAMPLE  
Product Name: Aluminum sulfate octadecahydrate  
CAS Number: 7784-31-8  
Molecular Formula:  $\text{Al}_2\text{S}_3\text{O}_{12} \cdot 18\text{H}_2\text{O}$   
Molecular Weight: 666.43

| Test              | Specification  | Result                   |
|-------------------|----------------|--------------------------|
| Appearance        |                | White crystalline powder |
| Purity            | 98.0 - 102.0%  | 101.2%                   |
| Solubility        |                | Very soluble in water    |
| Heavy Metals (Pb) | $\leq 0.001\%$ | Complies                 |
| Insoluble Matter  | $\leq 0.01\%$  | $< 0.004\%$              |
| Calcium           | $\leq 0.01\%$  | 0.0014%                  |
| Chloride          | $\leq 0.005\%$ | Complies                 |
| Iron              | $\leq 0.002\%$ | Complies                 |
| Magnesium         | $\leq 0.002\%$ | $< 0.0005\%$             |
| Potassium         | $\leq 0.005\%$ | $\leq 0.003\%$           |
| Sodium            | $\leq 0.02\%$  | 0.017%                   |

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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