



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-252403
Lot Number: SAMPLE
Product Name: Barium hydroxide
CAS Number: 17194-00-2
Molecular Formula: Ba(OH)_2
Molecular Weight: 171.34

Test	Specification	Result
Purity		98.7% for $\text{Ba(OH)}_2 \cdot 8\text{H}_2\text{O}$
Heavy Metals (Pb)		3 ppm
Insoluble Matter		Insoluble in dilute HCl: < 0.01%
Calcium		< 0.05%
Carbonate		< 2.0% (as BaCO_3)
Chloride		< 0.001%
Iron		< 0.001%
Potassium		< 0.01%
Sodium		< 0.01%
Strontium		< 0.8%
Sulfur Compounds	Limit about 0.001%	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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