



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-202971A
Lot Number: SAMPLE
Product Name: Barium hydroxide octahydrate
CAS Number: 12230-71-6
Molecular Formula: $\text{H}_2\text{BaO}_2 \cdot 8\text{H}_2\text{O}$
Molecular Weight: 315.46

Test	Specification	Result
Purity	$\geq 98.0\%$	98.8%
Heavy Metals (Pb)	0.0005%	< 0.0005%
Insoluble Matter	0.01% (in dil. HCl)	Complies
Calcium	0.05%	< 0.05%
Carbonate	2.0% (as BaCO_3)	1.4% (as BaCO_3)
Chloride	0.001%	Complies
Iron	0.001%	< 0.001%
Potassium	0.01%	Complies
Sodium	0.01%	Complies
Strontium	0.8%	Complies
Sulfide		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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