



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-202970A
Lot Number: SAMPLE
Product Name: Barium chloride dihydrate
CAS Number: 10326-27-9
Molecular Formula: $\text{BaCl}_2 \cdot 2\text{H}_2\text{O}$
Molecular Weight: 244.26

Test	Result
Appearance	White powder
Purity	99.53%
Boiling Point	1560°C
Density	3.86
Melting Point	963°C
pH	6.8
Solubility	36 g in 100 mL water at 20 °C
Heavy Metals	0.0005%
Impurity	Oxidizable Substances: < 0.005%
Insoluble Matter	< 0.005%
Loss on Drying	14% (at 150°C)
Calcium	0.05%
Iron	< 0.0001%
Potassium	0.0025%
Sodium	0.005%
Strontium	0.1%

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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