



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-210860
Lot Number: SAMPLE
Product Name: Barium oxide
CAS Number: 1304-28-5
Molecular Formula: BaO
Molecular Weight: 153.33

Test	Specification	Result
Appearance	White to yellowish solid	Complies
Assay	$\geq 97\%$	97.1% (BaO)
Clarity of Solution	To pass test	Complies
Heavy Metals (Pb)	$\leq 0.005\%$	0.003%
Insoluble Matter	$\leq 0.5\%$	0.2% (in HCl) 0.35% (in H ₂ SO ₄)
Carbonate	$\leq 2.0\%$	1.2% (as CO ₂)
Chloride	$\leq 0.01\%$	0.008%
Iron	$\leq 0.005\%$	0.002%
Nitrogen	$\leq 0.01\%$	0.006%

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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