



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-203206B
Lot Number: SAMPLE
Product Name: Potassium carbonate
CAS Number: 584-08-7
Molecular Formula: K_2CO_3
Molecular Weight: 138.21

Test	Specification	Result
Appearance	White powder	Complies
Purity (Titration)	$\geq 99.0\%$	100.51%
Heavy Metals (Pb)	≤ 5 ppm	< 5 ppm
Insoluble Matter	$\leq 0.01\%$	$< 0.004\%$
Calcium	$\leq 0.005\%$	0.0011%
Chloride	$\leq 0.003\%$	$< 0.003\%$
Iron	≤ 5 ppm	< 5 ppm
Magnesium	$\leq 0.002\%$	0.0005%
Phosphate	$\leq 0.001\%$	$< 0.001\%$
Silica	$\leq 0.005\%$	$< 0.005\%$
Sodium	$\leq 0.02\%$	0.012%
Sulfate	$\leq 0.004\%$ (as SO_4)	$< 0.004\%$
Sulfur Compounds	$\leq 0.004\%$ (as SO_4)	$< 0.004\%$

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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