



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-229294
Lot Number: SAMPLE
Product Name: Sodium carbonate
CAS Number: 24551-51-7
Molecular Formula: Na_2CO_3
Molecular Weight: 105.99

Test	Specification	Result
Appearance (Color)	White/colorless	White
Appearance (Form)	Fine crystals to crystals with lumps	Crystals with lumps
Purity (Titration)	99.0 - 102.0% by HCl 1M	100.6%
Solution (Color)	Colorless	Complies
Solution (Turbidity)	Clear (< 3.5 NTU)	Clear (< 3.5 NTU)
Trace metal analysis	Consistent with requirements	Complies
Cadmium	$\leq 50 \text{ mg/kg}$ (ICP)	< 50 mg/kg
Calcium (ICP)	$\leq 50 \text{ mg/kg}$	< 50 mg/kg
Chloride	$\leq 50 \text{ mg/kg}$ (CL)	10 mg/kg
Cobalt	$\leq 50 \text{ mg/kg}$ (ICP)	< 50 mg/kg
Copper	$\leq 50 \text{ mg/kg}$ (ICP)	< 50 mg/kg
Iron (ICP)	$\leq 50 \text{ mg/kg}$ (ICP)	< 50 mg/kg
Lead (ICP)	$\leq 50 \text{ mg/kg}$	< 50 mg/kg
Nickel	$\leq 50 \text{ mg/kg}$ (ICP)	< 50 mg/kg
Potassium (ICP)	$\leq 100 \text{ mg/kg}$	< 100 mg/kg
Sulfate (ICP)	$\leq 50 \text{ mg/kg}$	< 30 mg/kg
Zinc	$\leq 50 \text{ mg/kg}$ (ICP)	< 50 mg/kg

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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