



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-255259
Lot Number: SAMPLE
Product Name: Magnesium carbonate basic
CAS Number: 39409-82-0
Molecular Formula: MgCO_3
Molecular Weight: 84.31

Test	Specification	Result
Appearance	Colorless or white powder	White powder
Identification		Complies
Trace metal analysis		Complies
Titration	40.0 - 44.0% (MgO, KT, EDTA 0.1 M)	42.9%
Cadmium	≤ 50 mg/kg (ICP)	< 50 mg/kg
Calcium (ICP)	≤ 1000 mg/kg	< 1000 mg/kg
Chloride	≤ 100 mg/kg	< 100 mg/kg
Cobalt	≤ 50 mg/kg (ICP)	< 50 mg/kg
Copper	≤ 50 mg/kg (ICP)	< 50 mg/kg
Iron (ICP)	≤ 50 mg/kg	< 50 mg/kg
Lead (ICP)	≤ 50 mg/kg	< 50 mg/kg
Nickel	≤ 50 mg/kg (ICP)	< 50 mg/kg
Potassium (ICP)	≤ 100 mg/kg	< 100 mg/kg
Sodium (ICP)	≤ 2000 mg/kg	< 2000 mg/kg
Sulfur (ICP)	≤ 6000 mg/kg (as SO_4)	< 6000 mg/kg
Zinc	≤ 50 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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