



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-250278
Lot Number: SAMPLE
Product Name: Magnesium fluoride
CAS Number: 7783-40-6
Molecular Formula: F_2Mg
Molecular Weight: 62.30

Test	Specification	Result
Appearance	White chunk(s)	Complies
Identification (ICP)	Consistent with magnesium	Complies
Purity (Trace Metal Analysis)	99.9%	Complies
Particle Size	3 - 6 mm	Complies
Trace metal analysis	≤ 2000.0 ppm (excluding Na)	128.0 ppm
Loss on Ignition	$\leq 3.0\%$ (1 hour at 1000 degrees celsius)	0.5%
Aluminum		45.0 ppm
Boron		0.6 ppm
Calcium		55.0 ppm
Manganese		1.3 ppm
Nickel		0.8 ppm
Sodium		0.8 ppm
Strontium		0.2 ppm
Titanium		0.3 ppm

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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