



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-491880
Lot Number: SAMPLE
Product Name: Hydrotalcite
CAS Number: 11097-59-9
Molecular Formula: $\text{Mg}_6\text{Al}_2(\text{CO}_3)(\text{OH})_{16} \cdot 4\text{H}_2\text{O}$
Molecular Weight: 603.98

Test	Specification	Result
Appearance	White powder	Complies
Identification (X-Ray Diffraction)	Consistent with structure	Complies
Particle Size		< 1 micron: 92% < 5 microns: 100%
Loss on Drying	$\leq 0.35\%$	0.10%
Ratio	4.0 - 5.0 ($\text{MgO}/\text{Al}_2\text{O}_3$)	4.4

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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