



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-202091
Lot Number: SAMPLE
Product Name: Calcium Chloride, Dihydrate
CAS Number: 10035-04-8
Molecular Formula: $\text{CaCl}_2 \cdot 2\text{H}_2\text{O}$
Molecular Weight: 147.02

Test	Specification	Result
Assay	99.0 - 105.0 %	99.35 %
pH	4.5 - 8.5	6.402
Heavy Metals (Pb)	≤ 5 ppm	3 ppm
Insoluble Matter	≤ 0.01 %	0.004 %
Ammonium	≤ 0.005 %	0.002 %
Barium	≤ 0.005 %	0.003 %
Iron	≤ 0.001 %	0.0003 %
Magnesium	≤ 0.005 %	0.004 %
Oxidizing Substances	≤ 0.003 %	0.002 % (as NO ₃)
Potassium	≤ 0.01 %	0.004 %
Sodium	≤ 0.02 %	0.008 %
Strontium	≤ 0.1 %	0.045 %
Sulfate	≤ 0.01 %	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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