

Product Specification

Product Name:

Calcium carbonate ACS grade, *PurReagent*, ≥99.0%, powder

Product No.: PSR18835
Brand: PureSynth
CAS No.: 471-34-1
Molecular Formula: CaCO₃
Molecular Weight: 100.09 g/mol



Test	Specification
Appearance	White powder
Assay (by Titration)	≥ 99.0 %
Barium (Ba)	≤ 0.01 %
Sodium (Na)	≤ 0.1 %
Magnesium (Mg)	≤ 0.02 %
Iron (Fe)	≤ 0.003 %
Potassium (K)	≤ 0.01 %
Heavy metals (by ICP)	≤ 0.001 %
Insoluble matter	NMT 0.01 %
Chloride (Cl)	≤ 0.002 %
Ammonia (NH ₄)	≤ 0.003 %
Sulphate (SO ₄)	≤ 0.01 %
Meets ACS requirements	Complies

Specification: PR-1.0-QA/207

Version no.: 1.1, 12.03.2026

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For queries on this Specifications, please contact our technical team at technical@pure-synth.com