

## Product Specification

Product Name:

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

Product No.: PSR18835  
Brand: PureSynth  
CAS No.: 471-34-1  
Molecular Formula: CaCO<sub>3</sub>  
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 <sub>4</sub> )	≤ 0.003 %
Sulphate (SO <sub>4</sub> )	≤ 0.01 %
Meets ACS requirements	Complies

Specification: PR-1.0-QA/207

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For queries on this Specifications, please contact our technical team at [technical@pure-synth.com](mailto:technical@pure-synth.com)