

Product Specification

Product Name:

Calcium carbonate precipitated, *PurReagent Plus*, Meets analytical specification of Ph. Eur., BP, USP, FCC, E170

Product No.: PSR50543
Brand: PureSynth
CAS No.: 471-34-1
Molecular Formula: CaCO_3
Molecular Weight: 100.09 g/mol



Test	Specification
Appearance	White Powder
Assay (on dried basis)	98.5 - 100.5 %
Loss on drying (at 200°C)	NMT 2.000 %
Arsenic (As)	NMT 2 ppm
Barium (Ba)	NMT 10 ppm
Cadmium (Cd)	NMT 1 ppm
Chromium (Cr)	NMT 10 ppm
Chloride (Cl)	NMT 200 ppm
Copper (Cu)	NMT 10 ppm
Iron (Fe)	NMT 200 ppm
Fluoride (F)	NMT 50 ppm
Potassium (K)	NMT 100 ppm
Lead (Pb)	NMT 3 ppm
Antimony (Sb)	NMT 10 ppm
Sulfate (SO_4)	NMT 0.2 %
Zinc (Zn)	NMT 10 ppm
Mercury (Hg)	NMT 0.5 ppm
Heavy Metals (as Pb)	NMT 20 ppm
Residual Solvents	Complies

Specification: PR-1.0-QA/514

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