

Certificate of Analysis

Product Name:

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

Product No.: PSR50543
Lot No.: Sample COA
Brand: PureSynth
CAS No.: 471-34-1
Molecular Formula: CaCO_3
Molecular Weight: 100.09 g/mol
Date of Mfg.: NA
Date of Exp.: NA

Test	Specification	Result
Appearance	White Powder	White Powder
Assay (on dried basis)	98.5 - 100.5 %	99.99 %
Loss on drying (at 200°C)	NMT 2.000 %	0.500 %
Arsenic (As)	NMT 2 ppm	< 2 ppm
Barium (Ba)	NMT 10 ppm	< 10 ppm
Cadmium (Cd)	NMT 1 ppm	< 1 ppm
Chromium (Cr)	NMT 10 ppm	< 10 ppm
Chloride (Cl)	NMT 200 ppm	< 200 ppm
Copper (Cu)	NMT 10 ppm	< 10 ppm
Iron (Fe)	NMT 200 ppm	< 200 ppm
Fluoride (F)	NMT 50 ppm	< 50 ppm
Potassium (K)	NMT 100 ppm	< 100 ppm
Lead (Pb)	NMT 3 ppm	< 3 ppm
Antimony (Sb)	NMT 10 ppm	< 10 ppm
Sulfate (SO_4)	NMT 0.2 %	< 0.2 %
Zinc (Zn)	NMT 10 ppm	< 10 ppm
Mercury (Hg)	NMT 0.5 ppm	< 0.5 ppm
Heavy Metals (as Pb)	NMT 20 ppm	< 20 ppm
Residual Solvents	Complies	Complies

The Certificate of Analysis (COA) is valid only for the lot specified and within the product's shelf life. Retesting is recommended after the expiry date or if storage conditions are compromised. We guarantee a proper quality within our General Conditions of Sales. The conditions are subject to change without prior notice.
For queries on this COA, please contact our technical team at technical@pure-synth.com

Remarks:

This is to certify that the mentioned batch has been analysed at the time of quality release and has been found to be in compliance with prescribed specifications

The current Specification sheet may be available at www.pure-synth.com

Inspect on receipt

Storage Condition:

Store at room temperature and keep the container tightly closed

PureSynth Research Chemicals GmbH

This is electronically-generated copy & is valid without a signature

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