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PureSynth®
Research Chemicals

Product Specification

Product Name:
Calcium carbonate PurTech Standard [Includes all characterization data]
(Secondary Reference Standard)

Product No.:	PSI539
Brand:	PureSynth
CAS No.:	471-34-1
Molecular Formula:	$CaCO_3$
Molecular Weight:	100.09 g/mol

$CaCO_3$

Test	Specification
Appearance	White Powder
Assay (By Titration)	≥ 98.5 %
Water (By KF)	NMT 0.200 %
Potency	-
Density	2.925 - 2.935 g/cm^3
Identification by IR	Conforms to structure

***Traceable to USP Reference standard 1086403, Lot No: R166C0.**

Specification: PT-1.0-QA/120, Ver. No. 1.2, 23.09.2026.

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