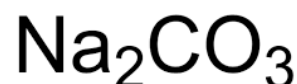


Product Specification

Product Name:

Sodium carbonate *PurReagent Plus*, meets analytical specification of BP, EP, USP-NF, FCC, E500, anhydrous, 99.5-100.5% (calc. to the dried substance)

Product No.: PSR50542
Brand: PureSynth
CAS No.: 497-19-8
Molecular Formula: Na_2CO_3
Molecular Weight: 105.99 g/mol



Test	Specification
Appearance	White Powder or Crystals
Assay (on dried basis)	99.5-100.5%
Loss on drying (300°C, 1h)	NMT 0.50 %
Loss on drying (105°C, 4h)	NMT 0.50 %
Appearance of solution	Complies
Identification by IR	Conforms to structure
Arsenic (As)	NMT 0.0002 %
Copper (Cu)	NMT 0.002 %
Iron (Fe)	NMT 0.001 %
Mercury (Hg)	NMT 0.0001 %
Lead (Pb)	NMT 0.0002 %
Zinc (Zn)	NMT 0.002 %
Chloride (Cl)	NMT 100 ppm
Sulfate (SO_4)	NMT 50 ppm
Heavy metals (as Pb)	NMT 5 ppm
Residual Solvents	Complying

Specification: PR-1.0-QA/545

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