

Product Specification

Product Name:

Sodium carbonate ACS **PurReagent Plus, Reag. ISO, Reag. Ph. Eur., anhydrous, ≥99.8% (calc. to the dried substance)**

Product No.: PSR50541
Brand: PureSynth
CAS No.: 497-19-8
Molecular Formula: Na₂CO₃
Molecular Weight: 105.99 g/mol



Test	Specification
Appearance	White Powder or Crystals
Assay (on dried basis)	≥ 99.80 %
Loss on drying (at 300 °C)	NMT 0.50 %
Water Insoluble Matter	NMT 0.01 %
Silver (Ag)	NMT 0.0005 %
Aluminium (Al)	NMT 0.001 %
Arsenic (As)	NMT 0.00005 %
Barium (Ba)	NMT 0.0005 %
Bismuth (Bi)	NMT 0.0005 %
Calcium (Ca)	NMT 0.005 %
Cadmium (Cd)	NMT 0.0005 %
Cobalt (Co)	NMT 0.0005 %
Chromium (Cr)	NMT 0.0005 %
Copper (Cu)	NMT 0.0005 %
Iron (Fe)	NMT 5 ppm
Lithium (Li)	NMT 0.0005 %
Potassium (K)	NMT 0.005 %
Manganese (Mn)	NMT 0.0005 %
Magnesium (Mg)	NMT 0.002 %
Molybdenum (Mo)	NMT 0.0005 %
Nickel (Ni)	NMT 0.0005 %
Lead (Pb)	NMT 0.0005 %
Strontium (Sr)	NMT 0.0005 %
Zinc (Zn)	NMT 0.0005 %
Heavy Metals (as Pb)	NMT 0.0005 %
Heavy Metals (ICP) ACS	NMT 5 ppm
Chloride (Cl)	NMT 0.001 %
Total N	NMT 0.001 %
Total S (as SO ₄)	NMT 0.003 %

The information represented here may/may not represent the entire product specification and application recommended by PureSynth Research Chemicals. This information is for the user scientists or trading community as a guide in their applications. The company claims no liability for misuse resulting due to wrong usage of the information above.
For queries on this Specifications, please contact our technical team at technical@pure-synth.com

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Phosphate (PO ₄)	NMT 0.001 %
Silicate (as SiO ₂)	NMT 0.002 %
Residual Solvents	Complies

Specification: PR-1.0-QA/511

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