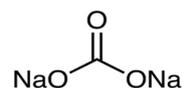


## Product Specification

Product Name:

**Sodium carbonate PurTrace for Trace Analysis, anhydrous, ≥99.999% (metal basis)**

Product No.: PSR43596  
Brand: PureSynth  
CAS No.: 497-19-8  
Molecular Formula: Na<sub>2</sub>CO<sub>3</sub>  
Molecular Weight: 105.99 g/mol



Test	Specification
Appearance	White Solid
Assay	≥99.999%
Aluminium (Al)	NMT 0.05 ppm
Arsenic (As)	NMT 0.05 ppm
Barium (Ba)	NMT 5 ppm
Calcium (Ca)	NMT 0.1 ppm
Cadmium (Cd)	NMT 0.005 ppm
Cerium (Ce)	NMT 0.01 ppm
Cobalt (Co)	NMT 0.005 ppm
Chromium (Cr)	NMT 0.01 ppm
Copper (Cu)	NMT 0.005 ppm
Europium (Eu)	NMT 0.01 ppm
Iron (Fe)	NMT 0.05 ppm
Mercury (Hg)	NMT 0.05 ppm
Iridium (Ir)	NMT 0.5 ppm
Potassium (K)	NMT 1 ppm
Lithium (Li)	NMT 0.5 ppm
lanthanum (La)	NMT 0.01 ppm
Magnesium (Mg)	NMT 0.1 ppm
Manganese (Mn)	NMT 0.01 ppm
Nickel (Ni)	NMT 0.05 ppm
Lead (Pb)	NMT 0.01 ppm
Palladium (Pd)	NMT 0.5 ppm
Platinum (Pt)	NMT 0.5 ppm
Rhodium (Rh)	NMT 0.5 ppm
Ruthenium (Ru)	NMT 0.5 ppm
Antimony (Sb)	NMT 0.05 ppm
scandium (Sc)	NMT 0.01 ppm
Selenium (Se)	NMT 0.05 ppm
Samarium (Sm)	NMT 0.01 ppm

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](mailto:technical@pure-synth.com)

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Strontium (Sr)	NMT 0.1 ppm
Thallium (Tl)	NMT 0.01 ppm
Vanadium (V)	NMT 0.1 ppm
Yttrium (Y)	NMT 0.01 ppm
Ytterbium (Yb)	NMT 0.01 ppm
Zinc (Zn)	NMT 0.01 ppm
Chloride (Cl)	NMT 10 ppm
Total N	NMT 10 ppm
Phosphate (PO <sub>4</sub> )	NMT 5 ppm
Sulfate (SO <sub>4</sub> )	NMT 10 ppm
Silicate (as SiO <sub>2</sub> )	NMT 5 ppm

Specification: PT-1.0-QA/008

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