

Product Specification

Product Name:

Potassium carbonate anhydrous, ACS **PurReagent, ≥99.0%**

Product No.: PSR44953
Brand: PureSynth
CAS No.: 584-08-7
Molecular Formula: K_2CO_3
Molecular Weight: 138.21 g/mol



Test	Specification
Appearance	White Solid
Assay	≥ 99.0%
Loss on drying (300°C)	NMT 1.0 %
Water insoluble matter	NMT 0.01 %
Silver (Ag)	NMT 5 ppm
Aluminium (Al)	NMT 5 ppm
Arsenic (As)	NMT 0.5 ppm
Barium (Ba)	NMT 5 ppm
Bismuth (Bi)	NMT 5 ppm
Calcium (Ca)	NMT 10 ppm
Cadmium (Cd)	NMT 5 ppm
Cobalt (Co)	NMT 5 ppm
Chromium (Cr)	NMT 5 ppm
Copper (Cu)	NMT 5 ppm
Iron (Fe)	NMT 5 ppm
Lithium (Li)	NMT 5 ppm
Magnesium (Mg)	NMT 5 ppm
Manganese (Mn)	NMT 5 ppm
Molybdenum (Mo)	NMT 5 ppm
Sodium (Na)	NMT 200 ppm
Nickel (Ni)	NMT 5 ppm
Lead (Pb)	NMT 5 ppm
Strontium (Sr)	NMT 5 ppm
Thallium (Tl)	NMT 5 ppm
Zinc (Zn)	NMT 5 ppm
Total S (as SO ₄)	NMT 40 ppm
Heavy metals (as Pb)	NMT 5 ppm
Silicate (as SiO ₂)	NMT 50 ppm
Chloride (Cl)	NMT 30 ppm
Phosphate (PO ₄)	NMT 10 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

Total nitrogen (as N) NMT 10 ppm

Specification: PR-1.0-QA/490

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