

Product Specification

Product Name:

Sodium bicarbonate ACS PurReagent Plus, Reag. Ph. Eur., powder, ≥99.7%

Product No.: PSR50548
Brand: PureSynth
CAS No.: 144-55-8
Molecular Formula: NaHCO_3
Molecular Weight: 84.01 g/mol



Test	Specification
Appearance	White Powder
Assay (on dried basis)	99.7 - 100.3 %
Water Insoluble Matter	NMT 0.015 %
pH (5%, 25°C)	8.0 – 8.6
Ammonium (NH_4)	NMT 5 ppm
Arsenic (As)	NMT 2 ppm
Calcium (Ca)	NMT 100 ppm
Cadmium (Cd)	NMT 0.0005 %
Cobalt (Co)	NMT 50 ppm
Copper (Cu)	NMT 0.0005 %
Iron (Fe)	NMT 5 ppm
Potassium (K)	NMT 0.005 %
Magnesium (Mg)	NMT 0.005 %
Nickel (Ni)	NMT 50 ppm
Lead (Pb)	NMT 0.0005 %
Zinc (Zn)	NMT 0.0005 %
Heavy Metals (as Pb)	NMT 5 ppm
Chloride (Cl)	NMT 30 ppm
Phosphate (PO_4)	NMT 0.001 %
Sulfate (SO_4)	NMT 150 ppm
Residual Solvents	Complies

Specification: PR-1.0-QA/531

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