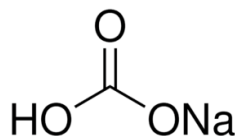


Product Specification

Product Name:

Sodium bicarbonate, ACS **PurReagent, anhydrous, ≥99.7%**

Product No.: PSR49167
Brand: PureSynth
CAS No.: 144-55-8
Molecular Formula: CHNaO₃
Molecular Weight: 84.01 g/mol



Test	Specification
Appearance	White Powder
Assay (By Titration)	≥ 99.7 %
Insoluble Matter	NMT 0.015 %
Trace Metal Analysis (By ICP)	Complies
Ammonium (NH ₄ ⁺)	NMT 5 mg/kg
Calcium (Ca)	NMT 200 mg/kg
Chloride (Cl)	NMT 30 mg/kg
Heavy metals (as Pb)	NMT 5 mg/kg
Iron (Fe)	NMT 10 mg/kg
Magnesium (Mg)	NMT 50 mg/kg
Phosphate (PO ₄)	NMT 10 mg/kg
Potassium (K)	NMT 50 mg/kg
Total Sulfur (SO ₄)	NMT 30 mg/kg
Identification by IR	Conforms to structure
Meets ACS Requirements	Conforms

Specification: PR-1.0-QA/821

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