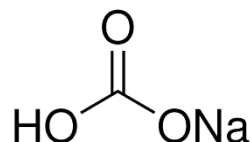


Product Specification

Product Name:

Sodium bicarbonate (powder), PurReagent Plus, meets analytical specification of EP, BP, USP, 99.0-100.5%

Product No.: PSR50725
Brand: PureSynth
CAS No.: 144-55-8
Molecular Formula: CHNaO_3
Molecular Weight: 84.01 g/mol



Test	Specification
Appearance	White Powder
Assay (By Titration) (On Dried Basis)	99.0 - 100.5%
Loss on Drying	NMT 0.25 %
pH (5%, 20 ° C)	NMT 8.6
pH (C = 1% Solution)	8.0 - 8.6
Water-Insoluble Matter	Complies
Sodium Component (By ICP)	Conforms
Ammonium (NH_4)	NMT 20 ppm
Aluminium (Al)	NMT 2 ppm
Arsenic (As)	NMT 2 ppm
Calcium (Ca)	NMT 100 ppm
Chloride (Cl)	NMT 150 ppm
Iron (Fe)	NMT 20 ppm
Lead (Pb)	NMT 2 ppm
Mercury (Hg)	NMT 1 ppm
Sulfate (SO_4)	NMT 150 ppm
Total Sulfur Content	NMT 150 ppm
Identification by IR	Conforms to structure

Specification: PR-1.0-QA/792

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