

Technical Data Sheet

Version: 1.0 EN

Sodium Bicarbonate Food Grade, E 500ii

Article number: D10203

General Information

Origin	Sodium hydrogen carbonate is also known as baking soda. Baking soda is usually used as a leavening agent, such as baking powder.
CAS Number	144-55-8
EC Number	205-633-8
INCI	SODIUM BICARBONATE
Molecular Formula	NaHCO ₃
Appearance	White, crystalline powder
Packaging	25 kg bags and small containers
Shelf life	24 months
Applications	Application in food
Allergens	None of the 14 main allergens added or contained
Compliance	Regulation (EC) No. 1333/2008, Regulation (EU) No. 231/2012, Regulation (EU) No. 1169/2011

Specification Values

Parameter	Value
Content	Min. 99.0 %
Solubility	Soluble in water, insoluble in ethanol
pH 1% solution	8,0 - 8,6
Loss on drying	≤ 0,25 %
Ammonium salts	No ammonia odour detectable after heating
Arsenic	≤ 3 mg/kg
Lead	≤ 2 mg/kg
Mercury	≤ 1 mg/kg

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Additional Information

All details are based on our current state of knowledge and are not transferable to other products. They do not constitute a warranty or guarantee of specific properties or suitability for particular applications. Each use of our supplied products must be tested in the respective application and checked for any existing property rights. Color and form of the product may slightly vary within a production batch due to the manufacturing process.

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