

TECHNICAL DATASHEET

SODIUM BICARBONATE BC P FOOD



CHEMICAL FORMULA

- > NaHCO_3
- > Molecular weight: 84 g/mol

SUBSTANCE

- > Sodium bicarbonate
- > pH 1% aqueous solution: 8.0 - 8.6

GRADE

- > N° CAS: 144-55-8
- > N° EINECS: 205-633-8
- > REACH: 01-2119457606-32-0011
- > CLP: not classified

ASPECT

- > White fine crystalline powder

SOLUBILITY

- > Freely soluble in water, practically insoluble in ethanol 96%

In compliance with EU regulations 231/2012 (purity criteria for food additives) and NF EN 898 standard (water treatment). Kosher and Halal certifications. This product is free from BSE and TSE risk and does not contain GMO or allergens (certificates available on our web site).

CHEMICAL CHARACTERISTICS	SPECIFICATIONS	TYPICAL VALUES
Sodium bicarbonate (NaHCO_3) in %	99.0 - 100.5	≥ 99.2
Sodium carbonate (Na_2CO_3) in %	≤ 1	< 0.50
Loss on drying (H_2O) in %	≤ 0.25	≤ 0.25
Ammonium (NH_4) in mg/kg	Odorless	Conform
Arsenic (As) in mg/kg	≤ 2	≤ 2
Lead (Pb) in mg/kg	≤ 2	≤ 2
Mercury (Hg) in mg/kg	≤ 1	≤ 1
Heavy metals in mg/kg	≤ 5	≤ 5

CHEMICAL CHARACTERISTICS IN ACCORDANCE WITH NF EN 898	SPECIFICATIONS	TYPICAL VALUES
Iron (Fe) in mg/kg	≤ 5	≤ 3
Insoluble substances in mg/kg	< 200	Conform

PARTICLE SIZE	SPECIFICATIONS	TYPICAL VALUES
Cumulative fraction retained > 180 μm in %	≤ 15	5
Cumulative fraction retained > 45 μm in %	≥ 30	55
Diameter 50% in μm	-	55
Bulk density	≥ 0.8	0.98

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FOOD



CERTIFICATE OF CONFORMITY AND/OR CERTIFICATE OF ANALYSIS

- > On request

PACKAGING

- > BB 1.2 t / BB 1.0 t / 25 kg bags / Bulk

PACKING

- > BB = bulk bags in PE, with an inner liner in PE
- > Bags = paper bags (3 layers + 1 inner HDPE layer), shrink-wrapped pallet

SUPPORT

- > 110x110 cm or 100x120 cm, or 114x114 cm (heat treatment) pallets
- > PE interlayer or cardboard sheet on the floor of the pallet

STORAGE CONDITIONS

- > The stacking of pallets is not recommended
- > Storage in dry and cool place (protected from the weather)
- > Risk of caking if long-term storage
- > Best before date: 1 year

MAIN USES

- > Food additive E500ii, cosmetics, water treatment



34, rue Gilbert Bize
BP 20015 – La Madeleine
F 54410 Laneuveville-devant-Nancy
Tel.: +33 (0)3 83 18 44 44
Fax: +33 (0)3 83 18 44 45
www.novacap.eu