

# Feed grade Sodium Bicarbonate

rev10 – 18.09.2023

CAS Nº: 144-55-8    EINECS Nº: 205-633-8    Origin: Natural trona Ore    Molecular weight: 84,01 (g/mol)

## Technical Specifications

Purity (NaHCO <sub>3</sub> )	99.3% mín.	Arsenic (As)	0.1 ppm máx.
Sodium carbonate (Na <sub>2</sub> CO <sub>3</sub> )	0.5% máx.	Mercury (Hg)	0.1 ppm máx.
Chloride (Cl <sup>-</sup> )	700 mg/kg máx.	Cadmium (Cd)	0.1 ppm máx.
Sulfate (SO <sub>4</sub> <sup>2-</sup> )	300 mg/kg máx.	Fe	10 ppm máx.
Water Insolubles	500 mg/kg máx.	Fluorine (F)	150 ppm máx.
Lead (Pb)	0.1 ppm máx.	Humidity (%)	0.05 máx.
pH	8.0-8.6 (1% solución)	Solubility (g/100 ml water)	15.6 (60°C)
			9.55 (20°C)
			5.55 (0°C)

## Physical Properties

Bulk density	0.90-1.25 g/cm <sup>3</sup>	Appearance	Free flowing, White powder
Whitness	L*= 95% min. (CIE Lab)		

## Particle size

+ 75 micron (µm)	20-90	+ 45 micron (µm)	60-100
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## Dioxinas/PCBs

Dioxinas ng/kg	max 0.1	Dioxinas/PCBs ng/kg	max 1.0
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- \* Should be stored in a covered warehouse, preferably lower than 30°C and 50% relative humidity and well-ventilated
- \* Not recommended to store more than one pallet on other
- \* The self life of the product is 2 years
- \* Do not contain GMO