

# Food Grade Sodium Bicarbonate

20-04-2019  
Rev 08

CAS N°: 144-55-8      EINECS N°: 205-633-8      ©: BICARSODA

## Chemicals Specifications

Purity (NaHCO <sub>3</sub> )	99.3% mín.	Cadmium (Cd)	2 ppm máx.
Sodium Carbonate (Na <sub>2</sub> CO <sub>3</sub> )	0.5% máx.	Fe <sup>+3</sup>	10 ppm máx.
Chloride (Cl)	250 mg/kg máx.	Fluorine	150 ppm máx.
Sulphate (SO <sub>4</sub> <sup>-2</sup> )	300 mg/kg máx.	Humidity	0.05% máx.
Water insolubles	500 mg/kg máx.	Solubility	15.6 (60°C) g/100 ml agua
Lead (Pb)	0.1 ppm máx.		9.55 (20°C) g/100 ml agua
Arsénic (As)	0.1 ppm máx.		5.55 (0°C) g/100 ml agua
Mercury (Hg)	0.1 ppm máx.	pH	8.0 - 8.6 (1% solution)

## Granulometric analysis

Particle size					
+75 micron (µm)	(%)	20-90	+45 micron (µm)	(%)	60-100

## Dioxins/sum of dioxins and dioxin-like PCBs

Dioxins	0.1 ng/kg máx.	Sum of dioxins and dioxin-like PCBs	1.0 ng/kg máx.
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## Physical properties

Bulk density	0.75 - 1.15 g/cm <sup>3</sup>	Whitness	L* = 95% min. (CIE Lab)
Appearance	White powder		

## Microbiological properties

Salmonella	kob/25 gr	0	Mould-yeast	kob/gr	1000 max.
Entro-bacteria	kob/ gr	5x10 <sup>2</sup> max.			

It should be stored in a covered warehouse, preferably below 30°C and 50% relative humidity and well ventilated.  
It is not recommended to store one pallet on top of another.  
The shelf life of the product is 2 years.

We hereby certify that the Good are conforming to the following specifications: