

Sodium bicarbonate food grade

rev10 – 18.09.2023

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

Chemical specifications

Purity (NaHCO ₃)	99.3% mín.	Arsenic (As)	0.1 ppm máx.
Sodium Carbonate (Na ₂ CO ₃)	0.5% máx.	Mercury (Hg)	0.1 ppm máx.
Chloride (Cl)	250 mg/kg máx.	pH	8.0-8.6 (1% solución)
Sulfate (SO ₄ ²⁻)	300 mg/kg máx	Fe	10 ppm máx.
Insoluble in water	500 mg/kg máx	Cadmium (Cd)	0.1 max
Lead (Pb)	0.1 ppm máx.	Humedad (%)	0.05 máx.
Los son drying	No más del 0.25% (sobre gel de sílice, 4 horas)	Solubilidad	<ul style="list-style-type: none"> 15.6 (60°C) 9.55 (20°C) 5.55 (0°C)

Physical Properties

Bulk density	0.90-1.25 g/cm ³	Appearance	White crystalline masses, crystalline powder
Whitness	L*= 95% min. (CIE Lab)	* Soluble in water. Insoluble in ethanol	

Particle size

+ 75 micras (µm)	20-90	+ 45 micras (µm)	60-100
------------------	-------	------------------	--------

Microbiological Properties

Salmonella	kob/25g	0	Entro bacteria	kob/g	max 5x10 ²
Mould-yeast	kob/g	max 1000			

Dioxins/PCBs

Dioxins	ng/kg	max 0.1	PCBs	ng/kg	max 1.0
---------	-------	---------	------	-------	---------

* 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 shelf life is 2 years
 * Do not contain GMO