

CASNº: 144-55-8

EINECSNº: 205-633-8

Origin: Natural Trona Ore

Molecular Weight: 84.01(g/mol)

Chemicals specifications

Purity (NaHCO ₃)	99.3 min	Arsenic (As)	0.1 ppm máx.
Sodium Carbonate (Na ₂ CO ₃)	0.5% máx	Plomb (Pb)	0.1 ppm máx
Chlorine (Cl ⁻)	250 mg/kg máx	Mercury (Hg)	0.1 ppm máx
(SO ₄ ⁻²)	300 mg/kg máx	Cadmium (Cd)	0.1 ppm máx
Water insolubles	500 mg/kg máx	pH (25°C)	8.0 - 8.6
Iron (Fe)	10.0 máx ppm	Humidity (%)	0.05 máx

Physical Properties

Bulk density	0.90-1.25 g/ cm ³
Whitness * soluble in water, insoluble in et hanol	L* = 95% min. (QELab)
Appearance	Crystalline powder

Solubility

	15.6 (60°C)
Solubility (g/100ml agua)	9.55 (20°C)
	5.55 (0°C)

Particle Size

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

Microbiological properties

Salmonella (Kob/25g)	0
Enterococcus (Kob/25g)	1x10 ² max
Mould yeast (Kob/g)	100 Max

- Should be stored in a covered warehouse, preferably lower tan 30°C and 50% relative humidity and well-ventilated.
- Not recommended to store more that one pallet on other. Do not contain GMO. There is no feature of allergen.
- Uses: baking powders, cake, doughnut, pancake, cookies additives, beverages, dentifrices.