

Product Specification

Product:	Sodium Bicarbonate
Formula:	NaHCO ₃
CAS No:	144-55-8
Appearance:	White crystalline powder
Solubility:	Soluble in water, insoluble in ethanol
Date	June 2022

Description	Result
NaHCO ₃ (%)	Min 99.3
Na ₂ CO ₃ (%)	Max 0.5
Cl (mg/kg)	Max 250
SO ₄ ⁻² (mg/kg)	Max 300
Water Insolubles (mg/kg)	Max 500
Humidity (%)	Max 0.05
Bulk Density(g/cm ³)	0.75 - 1.15
Particle size +75 um (%)	20 - 90
Particle size +45 um (%)	60 - 100
Lead, Pb (ppm)	Max 0.1
Arsenic, As (ppm)	Max 0.1
Mercury, Hg (ppm)	Max 0.1
Total Fe (ppm)	Max 10
pH, 1% solution	8.0 - 8.6
Test for Sodium	Passes Test
for Carbonate	Passes Test
Ammonium salts,	No odour of ammonia detectable after heating
Loss on drying, over silica gel, 4 Hours (%)	Max 0.25
Solubility,g/100ml water:	
- @ 60 deg C	15.6
- @ 20 deg C	9.55
- @ 0 deg C	5.55
Dioxins (ng/kg)	Max 0.1
Sum of dioxins and diioxin-like PCBs (ng/kg)	Max 1.0
MICROBIOLOGICAL	

PROPERTIES:	
Salmonella /25g	0
Entro-bacteria/g	max 5x10 ²
Mould – Yeast/g	Max 1000

- GMO Declaration:** We certify that our Sodium Bicarbonate is not produced from GMO material, nor is the product exposed to GMO material at any stage of production.
- Non-Animal Testing Declaration:** Our product is Officially Certified by Choose Cruelty Free Ltd. Our Sodium Bicarbonate is not tested on animals during any stage of determining the product's efficacy.
- Palm Oil Declaration:** We certify that Sodium Bicarbonate does not contain any palm oil (*Elaeis guineensis*) or any palm oil derivatives, neither is any palm oil used in the production or refining of our Sodium Bicarbonate
- Petrochemical Free Declaration:** We certify that our product Sodium Bicarbonate does not contain any petrochemicals, nor are petrochemicals used at any stage of processing.
- Nano Particle Declaration:** We certify that our product Sodium Bicarbonate does not contain any known nano-particles, none are used at any stage of processing or known to be exposed to at any stage.

Other Information

Packaging: As required

For more information, contact 1300 795 332.