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No.169, Khajehnasir st, Taleghani crossroad
Shariatist, Tehran, Iran | Postal code: 1613916118
Tel > (+98) 21 77 52 25 24 - (+98) 21 77 52 31 14
Fax > (+98) 77 52 32 74 | www.agreentech.ir

Instagram > [agreentech](https://www.instagram.com/agreentech)
Telegram > [sohaagreentechco](https://www.telegram.com/sohaagreentechco)

Buffer
Livestock & poultry



Pars sodium Bicarbonate





Pars sodium Bicarbonate

Sodium Bicarbonate (NaHCO_3), with a white crystal appearance, is one of the Chlorineless salts that occur naturally in the springs and is mostly produced through chemical processes.

Application in poultry and livestock industry:

It is used as a Bicarbonate source in dairy cows and as a chlorineless source of Sodium for poultry.

Sodium Bicarbonate has an important role in improving milk fat and reducing the effects of heat stress by providing Bicarbonate in the rumen, stabilizing natural microflora through maintaining anion-cation balance and reducing undesirable fermentation in the rumen.

Pars Sodium Bicarbonate characteristics

Minimum 98% Sodium Bicarbonate

Less than 1% Sodium Carbonate

Crystalized and white

Minimum heavy elements

With quality certification From Tarbiat Modares

University

Enterococcus faecium

Dextrose

Two different types of packing

Blue: crystalized

Purple: powder

Chemical Analysis

Sodium Bicarbonate (NaHCO_3)	98.4%
Sodium Carbonate (Na_2CO_3)	Max 1.0%
pH	8.4
Iron (ppm) (Fe^{+3})	Max 5
Chlorin (ppm)	150
Water insoluble (ppm)	200
Lead (ppm)	Max < 9
Cadmium (ppm)	<1
Arsenic (ppm)	<1
Mercury (ppm)	<0.1