

# SODIUM BICARBONATE FEED GRADE



## General Information

Chemical Name	Sodium Hydrogen Carbonate	$\text{Na}^+ \begin{array}{c} \text{O}^- \\   \\ \text{C} \\    \\ \text{O} \\   \\ \text{OH} \end{array}$
Chemical Formula	NaHCO <sub>3</sub>	
Origin	Turkey	
H.S. Code	2836.30.00	
CAS No.	144-55-8	

## Application

Livestock nutrition	It is used as buffering agent and antacid in cattle feed as a sodium source to improve the growthrate of poultry. It is a raw material widely used by the animal nutrition because it provides a natural sodium source and it has a buffering power which is a valuable aid in various feed nutritional applications. It is used as a cattle feed supplement, in particular as a buffering agent for the rumen.
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## Specification

Properties	Unit	Specification
NaHCO <sub>3</sub>	%	99.3 min
Na <sub>2</sub> CO <sub>3</sub>	%	0.5 max
Cl <sup>-</sup>	mg/kg	700 max
SO <sub>4</sub> <sup>2-</sup>	mg/kg	300 max
Water Insolubles	mg/kg	500 max
Pb (Lead)	ppm	0.1 max
As (Arsenic)	ppm	0.1 max
Hg (Mercury)	ppm	0.1 max
Cd (Cadmium)	ppm	2 max
Fe <sup>+3</sup> / Iron	ppm	10 max
F / Fluorine	ppm	150 max
Nem / Humidity	%	0.05 max
Solubility	g/100ml su (g/100 ml water)	15.6 (60°C) 9.55 (20°C) 5.55 (0 °C)
pH	1% solution	8,0-8,6

## Packaging

- 25 KGS PE BAGS