



**INNER MONGOLIA IHJUCHEM INDUSTRIAL CO., LTD**

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## Specification of Sodium bicarbonate

### Characteristics:

White powder or tiny crystals, indorous and salty, easily soluble in water, insoluble in alcohol, presenting slightly alkalinity, de-composed when heating. Decomposed slowly when exposed to moist air.

Molecular formular:  $\text{NaHCO}_3$

### Specification:

Total alkalinity ( $\text{NaHCO}_3$ )%	99.0-100.5Min
Loss on drying %	0.20Max
PH value (10g/l water solution)	8.5
Arsenic (As) %	0.0001Max
Heave metals (as Pb)%	0.0005Max
Ammonium salt	pass test
Clarity	pass test
Chloride (as Cl)%	0.40Max
White	85Min

Uses: Used as food fermentation, detergent ingredient, carbon dioxide foamer, pharmacy, leather, ore milling and metallurgy, detergent for wool, extinguisher and metal heat-treating, fiber and rubber industries.

### Producing methods: Carbonization Process:

Natural soda is firstly dissolved into solution ( $\text{NaCO}_3$ ) and filtrated. The clear solution is then put into carbonizing tower accordingly.  $\text{CO}_2$  is compressed and bubbled up from the bottom of the tower, After carbonization, the solution will be flowed from the bottom and separated, Dried to the finished product.

Standards: GB1886.2-2015

Packing: 25kgs pp bags or 1000kgs jumbo bags/25kg/bags\*40 bags into jumbo bags Etc.