



MAINCHIN
Chemicals for all

SODIUM BICARBONATE PHARMACEUTICALS GRADE (IP & BP)

Product Description

Chemical Name : Sodium Hydrogen Carbonate
Synonyms : Soda Bicarbonate, Baking Soda,
Sodium Acid Carbonate

Molecular Weight : 84.01 g/mol

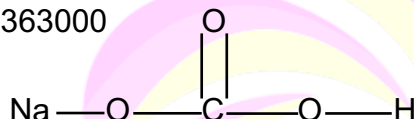
Chemical Formula : NaHCO_3

CAS Registry Number : 144-55-8

EINECS Number : 205-633-8

HS Code (4 Digit) : 28363000



Structural Formula :






Sodium Bicarbonate also known as Sodium Hydrogen Carbonate is a chemical substance with unmatched whiteness and superior impurity profile and its aqueous solution is clear and colourless. It is one of the most versatile inorganic chemicals. Combining its excellent buffering capabilities with high purity levels, pharmaceutical grade Sodium Bicarbonate is the most premium and amongst the purest form of the inorganic chemical. Pharmaceutical grade conforms to standards and is manufactured in an FDA approved facility under a rigorous Quality Management system. The industry leading impurity profile and our superior service capability makes it suitable for the most demanding excipient and API requirements.



Sodium Bicarbonate Pharmaceutical Grade types

-  Sodium Bicarbonate IP
-  Sodium Bicarbonate BP

Benefit of our Products

-  Assured Quality and Alkalinity
-  Superior Purity
-  Unmatchable Whiteness

MAINCHIN CHEMICALS PRIVATE LIMITED

CIN: U24299WB2020PTC237396

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 mainchin@mainchingroup.com

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SODIUM BICARBONATE IP

Quality Parameters	Expressed As	Unit	Value	
Sodium Hydrogen Carbonate	NaHCO ₃	%	99 to 101	By mass
Carbonate (freshly prepared)	pH	5% solution	8.6	Max
Chlorides	Cl	ppm	200	Max
Heavy Metals (as Lead)	Pb	ppm	5	Max
Arsenic	As	ppm	2	Max
Sulphate	SO ₄	ppm	150	Max
Appearance (freshly prepare)		5% solution	Solution Clear & Colourless	
Iron	Fe	ppm	20	Max
Calcium		Passed IP Test		

SODIUM BICARBONATE BP

Quality Parameters	Expressed As	Unit	Value	
Sodium Hydrogen Carbonate	NaHCO ₃	%	99 to 101	
Carbonate (freshly prepared)	pH	5% solution	8.6	Max
Chlorides	Cl	ppm	200	Max
Arsenic	As	ppm	2	Max
Sulphates	SO ₄	ppm	150	Max
Iron	Fe	ppm	20	Max
Calcium	Ca	ppm	100	Max
Ammonium	NH ₄ ⁺	ppm	20	Max
Appearance (freshly prepare)		5% solution	Solution is clear & colourless	

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Packaging:

- 25 Kg high quality BOPP laminated external HDPE bags, high durability and moisture control
- 50 Kg Bags
- Jumbo Bags 1000 Kg
- Internal LDPE Packing
- Bulk Packing

Applications & Usage

Pharmaceutical Grade Sodium Bicarbonate usage as APIs (Active Pharmaceuticals Ingredient) and excipients in pharmaceutical industry.

- Excipients - Stable inorganic builders in formulations
- Formulation - Metabolic Acidosis and Electrolyte Replenisher
- Effervescent Salts - Carbonation agent
- API Manufacturing - Neutral buffering agent

For more information and order, please send us email to sodium.bicarbonate@mainchingroup.com and visit our websites <https://mainchingroup.com/products/>

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