



# SODIUM BICARBONATE

## SALES SPECIFICATION TECHNICAL GRADE

### PRODUCT DESCRIPTION

Sodium bicarbonate is a white solid that is crystalline, but often appears as a fine powder. It has a slightly salty, alkaline taste resembling that of washing soda (sodium carbonate). GHCL is manufactured and available in a various grades specified by their quality and particle size.

### IDENTIFICATION

Meets the requirements of the tests for sodium and bicarbonate.

### CHEMICAL COMPOSITION

PARAMETERS	UNITS	SPECIFICATION	TYPICAL
Total Alkalinity(as NaHCO <sub>3</sub> ) Min.	% by mass	99.0	99.8
pH (1% Solution) Max.	-	8.8	8.3
Chloride (as Cl) Max.	% by mass	0.06	0.018
Insoluble Matter Max.	% by mass	0.1	0.004
Sulphate (as SO <sub>4</sub> ) Max.	% by mass	0.07	0.00045
Iron (as Fe) Max.	% by mass	0.004	0.0005
*Heavy Metal (as Pb) Max.	ppm	5	<1
*Arsenic (as As) Max.	ppm	1.5	<1
*Copper (as Cu) Max.	ppm	30	<2

Insoluble substances : 1 g dissolves completely in 20ml of water to give a clear and colourless solution.

\*Characteristics are analyzed from the external laboratory & it is not the part of Certificate of Analysis.

### \*PARTICLE SIZE

GRADE		SIEVE FRACTION (MICRONS)	% BY WEIGHT
Normal	Retained on	250	15.0 Max
	Pass through	75	15.0 Min
Granular	Retained on	250	20.0 Min
	Pass through	75	15.0 Max
Fine	Retained on	250	15.0 Max
	Pass through	75	30.0 Min

\*Particle Size is not the part of Certificate of Analysis.

\*Special PSD grade can be provided upon demand.

### PACKING SIZE

25 Kg and 50 Kg BOPP liner bags

### CERTIFICATIONS



### GHCL LIMITED

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