

Technical Data Sheet

Name: Sodium Bicarbonate

Grade: Industrial Grade

Properties:

- Sodium bicarbonate Chemical formula: NaHCO_3
- Appearance: white, crystalline
- Molecular Weight/ Molar Mass: 84.0066 g/ mol
- Boiling Point: 851 °C
- Melting Point: 50 °C
- This compound is insoluble in ethanol and slightly soluble in methanol and acetone.
- At a temperature of 20 degrees Celsius, the solubility of this compound in water corresponds to 96 grams per liter.

Analysis:

No	Analysis	Result	Unit	Range	Test Method
1	Appearance	confirm	-	White powder	4270
2	Solubility	confirm	-	confirm	4270
3	Total Alkalinity	99.67	Percent	Min 99	4270
4	Sodium carbonate	0.07	Percent	Max 1	4270
5	Ammoniac	Pass test	-	Pass test	4270
6	Insoluble in water	Pass test	-	Pass test	4270
7	Moisture	0.07	Percent	Max 0.25	4270
8	pH 5%	8.39	-	8.2-8.6	4270
9	NaCL ac CL	105	ppm	Max 150	4270
10	Packaging & Labeling	-	-	Confirm	4270
11	Ash insoluble in HCL	0.09	Percent	-	4270
12	Sulfate	101	ppm	-	4270
13	Sodium bicarbonate	99.67	Percent	-	4270
14	As	Less than 2	ppm	Max 3	4270
15	Fe	Less than	ppm	Max 5	4270
16	Heavy Metal (as Pb)	Less than	ppm	Max 5	4270
17	Na	28	Percent	-	4270
18	Pb	Less than	ppm	-	4270
19	Cu	Less than	ppm	-	4270
20	Cd	Less than	ppm	-	4270
21	Hg	Less than	ppm	-	4270

WhatsApp number: 009381684067

Mesh size – Industrial Grade

Case No: 144-55-8

Mesh No	%
<40	4.70
40-70	50.85
70-100	24.04
100-200	17.39
>200	3.02

Office #2, Block 34, Amir Kabir Industrial Area, Isfahan, Iran

www.sarvachem.com

sales@sarvachem.com

Tel : +98 31 31 315903

Fax: +98 31 31 315904

Cell: +98 913 325 4904