

# Technical Data Sheet

**Name:** Sodium Bicarbonate

**Grade:** Feed Grade

**Properties:**

- Sodium bicarbonate Chemical formula:  $\text{NaHCO}_3$
- 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 - Feed Grade

Case No: 144-55-8

Mesh No	%
<40	0.02
40-70	8.88
70-100	17.74
100-200	43.56
>200	29.80

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