



Reference : SS/SB.009  
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# sales specification

## SODIUM BICARBONATE HYDROPHOBIC GRADE

### PRODUCT DESCRIPTION

Hydrophobic Grade is manufactured from food grade Sodium Bicarbonate E500 (ii) of the following quality:

### IDENTIFICATION

Gives reactions characteristic of sodium salts and of bicarbonates.

### CHEMICAL COMPOSITION

						<i>Typical</i>
Sodium Bicarbonate	NaHCO <sub>3</sub>	%	:	99.0	MIN.	
Loss on drying	Weight Loss	%	:	0.25	MAX.	<0.01
Ammonium	NH <sub>4</sub>	mg/kg	:	20	MAX.	<20
Arsenic	As	mg/kg	:	2	MAX.	<0.1
Lead	Pb	mg/kg	:	2	MAX.	<0.1
Mercury	Hg	mg/kg	:	1	MAX.	<0.02

### ADDITIVE

Sodium Bicarbonate of the above chemical composition is treated with food grade magnesium stearate, Mg(C<sub>18</sub>H<sub>36</sub>O<sub>2</sub>)<sub>2</sub>, to provide a hydrophobic property to the product, this is achieved with a typical level of 0.5% magnesium stearate.

### PARTICLE SIZE (By Alpine Air-Jet Sieve Test)

	<u>Sieve Fraction (microns)</u>	<u>*% Max. by Weight</u>
Retained on	250	0.2
Retained on	125	1.5
Retained on	63	12.5
Retained on	45	25.0
Passing	45	60.0 MIN.
Average median size (microns)	30	

\* Limits expressed as non-cumulative values

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