

<b>Specification Reference:</b> SS/SB.004 Issue: 05 Dated: 06 Sep 2021	<b>Sales specification</b> <b>SODIUM BICARBONATE</b> <b>MICROFINE GRADE</b>	
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## PRODUCT DESCRIPTION

Microfine 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

			Limit		Typical avg from 2020
Sodium Bicarbonate	NaHCO <sub>3</sub>	%	99.0	MIN	99.70
Loss on drying	Wt. Loss	%	0.25	MAX	0.05
Ammonia	Passes test		complies		
Arsenic	As	mg/kg	2	MAX	<0.1
Lead	Pb	mg/kg	2	MAX	<0.1
Mercury	Hg	mg/kg	0.1	MAX	0.01

## ADDITIVE

Food grade Tricalcium Phosphate is added to the Sodium Bicarbonate to produce the Microfine Grade.

		Limit		Typical avg from 2020
Tricalcium Phosphate ( approx. formula Ca <sub>3</sub> OH(PO <sub>4</sub> ) <sub>3</sub> )	%	0.25	MIN	0.5
		1.00	MAX	

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

	Sieve Fraction (microns)	*%Max. by weight
Retained on	250	0.2
Retained on	125	1.5
Retained on	63	12.5
Retained on	45	25.0
Average Median Size (microns)	35	

\* Limits expressed as non-cumulative values

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