



Reference : SS/SB.004
Issue No. : 04
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sales specification
SODIUM BICARBONATE
MICROFINE GRADE

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

				<u>Limit</u>		<u>Typical</u>
Sodium Bicarbonate	NaHCO ₃	%	:	99.0	MIN.	99.90
Loss on drying	Wt. Loss	%	:	0.25	MAX.	0.25
Ammonia	Passes test		:	complies		
Arsenic	As	mg/kg	:	2	MAX.	<0.1
Lead	Pb	mg/kg	:	2	MAX.	<0.1
Mercury	Hg	mg/kg	:	1	MAX.	<0.02

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

Tricalcium Phosphate (approx. formula Ca ₃ H(PO ₄) ₃)	%	:	0.25	MIN.	0.5
		:	1.00	MAX.	

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
Average Median Size (microns)	35	

* Limits expressed as non-cumulative values

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