



Reference : SS/SB.002
Issue No. : 06
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sales specification
SODIUM BICARBONATE
Free Flow Quality (FFQ) FOOD GRADE

PRODUCT DESCRIPTION

FFQ 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 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 E341 (iii) is added to the Sodium Bicarbonate to produce the FFQ Grade.

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

PARTICLE SIZE

	<u>Sieve Fraction (microns)</u>	<u>*% Max. by Weight</u>
Retained on	250	0.2
Retained on	125	3.0
Retained on	63	35.0
Average Median Size (microns)	40	

* Limits expressed as non-cumulative values.

TATA CHEMICALS EUROPE LIMITED

Mond House, Winnington Lane, Northwich, Cheshire, CW8 4DT, United Kingdom
Tel +44 (0) 1606 724000 www.tatachemicalseurope.com