


Specification Reference: SS/SB.002 Issue: 07 Dated: 08 Sep 2021	Sales specification SODIUM BICARBONATE Free Flow Quality (FFQ) FOOD GRADE	
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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

			Limit		Typical avg from 2020
Sodium Bicarbonate	NaHCO ₃	%	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	1	MAX	0.01

ADDITIVE

Food grade Tricalcium Phosphate E 341 (iii) is added to the Sodium Bicarbonate to produce the FFQ Grade.

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

PARTICLE SIZE

	Sieve Fraction (microns)	*%Max. by weight
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

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