



TITLE: **PRODUCT SPECIFICATION DATA SHEET
SODIUM BICARBONATE FINE GRADE (1F)**

CODE: **CAM-ENG-FEP-100-004** REVISION: **00** REVISION DATE: **09/18/17** PÁGINA: **1/1**

DENOMINATIONS:	Chemical name	Acid Sodium Carbonate
	Other names	Monosodium Salt of Carbonic Acid Hydrogen Sodium Carbonate
	Type	Fine - Food Grade
	Nº (CAS) Chemical Abstracts Service	144-55-8
	Formula	NaHCO ₃

CHEMICAL SPECIFICATIONS	TESTS	UNIT	SPECIFICATION
	Assay (as NaHCO ₃)	%	99,0 – 100,5
	Characteristics	-	White crystalline powder, odorless, subject to agglomeration
	Loss on Drying	%	0,25 max.
	Carbonates (pH)	-	8,6 max.
	Normal carbonate	-	Faint pink color
	Chloride	ppm	300 max.
	Iron	ppm	5 max.
	Calcium	ppm	100 max.
	Lead	ppm	2 max.
	Arsenic	ppm	2 max.
	Sulfate	ppm	150 max.
	Limit of sulfur compounds	ppm	150 max.
Identification (sodium, bicarbonate)	-	Pass test	
Insoluble Substances	-	Clear and bright solution	
Ammonia	-	No odor of ammonia	
Appearance of solution	-	Clear and bright solution	

	TESTS	UNIT	SPECIFICATION
SIZE PARTICLES PROFILE	Retained in mesh 60 (250 µ)	%	1 max.
	Retained in mesh 325 (45 µ)	%	80 min.
	Passed in mesh 325 (45 µ)	%	20 max

STOCKAGE: To store in ventilated dry place, under the protection of the direct solar light. Subject to thermal decomposition above of 60 °C. Maximum pile 30 bags.

PACKAGING: 25 Kg Polyethylene bag with the following information: lot number; validity of the product; date of production

VALIDITY: 36 months from the date of production, observed the storage conditions.

Meets the specifications required by the Food Chemical Codex food use. According to legislation approved by General Office of Food (GGA) of the National Agency and the Ministry of Health.

"This product is not applicable for pharmaceutical use"

ELABORATION	REVISION		APPROVAL	
Elaborated by: Antonia Soraia M. Neto	Revised by: André Medeiros	Approved by Lourdes Silva	Approved by Antonia Soraia Modesto Neto	Approved by Ascânio Pêpe
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Signature:	Signature:	Signature:	Signature:	Signature: