



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

CODE:: **CAM-ENG-FEP-100-012** REVISION: **00** REVISION DATE: **10/19/17** PAGE: **1/1**

DENOMINATIONS:
Chemical name: Acid Sodium Carbonate
Other names: Monosodium Salt of Carbonic Acid
Hydrogen Sodium Carbonate
Type: Special Fine Grade
N° (CAS) Chemical Abstracts Service: 144-55-8
Formula: NaHCO₃

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	150 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

	TESTS	UNIT	SPECIFICATION
PARTICLES SIZE PROFILE	Retained mesh 80 (180 μ)	%	2 max.
	Retained mesh 200 (75 μ)	%	90 min.
	Passed mesh 200 (75 μ)	%	10 max.

STORAGE: 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 stockage conditions.

Meets the specifications required by the Food Chemical Codex V 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
Dept.: Quality Assurance	Dept.: Production	Dept.: Quality Control	Dept.: Quality Assurance	Dept.: Director
Signature:	Signature:	Signature:	Signature:	Signature: