



TÍTULO: **PRODUCT SPECIFICATION DATA SHEET**
SODIUM BICARBONATE GRANULATED (1GS)

CODE: **CAM-ENG-FEP-100-017** REVISION: **00** REVISION DATE: **10/26/17** PÁGE: **1/1**

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

CHEMICAL SPECIFICATIONS	CHEMICAL COMPOSITION	UNIT	SPECIFICATION
	Assay (as NaHCO ₃)	%	99,0 – 100,5
	Characters	-	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	
Insoluble Substances	-	Clear and bright solution	
Ammonia	-	No odor of ammonia	
Appearance of solution	-	Clear and bright solution	

	CHEMICAL COMPOSITION	UNIT	SPECIFICATION
SIZE PARTICLES PROFILE	Retained mesh 45 (355 microns)	%	2 min.
	Retained (accumulated) mesh 70 (212 microns)	%	40 min.
	Retained (accumulated) mesh 80 (180 microns)	%	60 min.
	Retained (accumulated) mesh 120 (125 microns)	%	80 min.
	Retained (accumulated) mesh 140 (106 microns)	%	85 min.

STOCKAGE: To store in ventilated, dry place, under the cover 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.

The product above mentioned meets the specification of Food Chemical Codex (FCC) being appropriated to Alimentary uses.

"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: