	TITLE: PRODUCT SPECIFICATION DATA SHEET SODIUM BICARBONATE GRANULATED (IGS)		
	CODE CAM-ENG-FEP-100-017	REVIEW 04	PAGE 2 OF 3

DENOMINATIONS:	Chemical denominations	Acid Sodium Carbonate
	Other names	Monosodium Salt of Carbonic Ácid
	Type	Hydrogen Sodium Carbonate
	Nº (CAS) Chemical Abstracts Service	Granulated
	Formula	144-55-8 NaHCO ₃

	TESTES	UNIDADE	ESPECIFICAÇÃO
CHEMICAL SPECIFICATIONS	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	-	150 max.
	Identification (sodium, bicarbonate)	-	Pass test
	Insoluble Substances	-	Clear and bright solution
	Ammonia	-	No odor of ammonia
	Appearance of the 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.


	TESTS	UNIT	SPECIFICATION
BIOLOGICAL CHARACTERIS- TICS	Salmonella sp.	P/A 25g	Absent
	B. cereuspresumptive	UFC/g	< 100 UFC/g
	Escherichia coli	UFC/g	< 10 UFC/g
	Molds and yeasts	UFC/g	< 500 UFC/g

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.
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DISTRIBUTION METHOD	Products transported on pallets by closed trucks without the need for temperature control.
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PACKAGING:	25 Kg Polyethylene bag with the following information: lot number; validity of the product; date of of the product; date of production
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VALIDITY:	36 months from the date of production, observed the stockage conditions.
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STATUTORY AND REGULATORY REQUIREMENTS	a. RDC No. 724 of 2022 - Technical Regulation on Microbiological Standards for Food; b. RDC No. 722 of 2022 - Establishes maximum tolerable limits (MTL) for contaminants in food, general principles for their establishment, and analysis methods for conformity assessment purposes; c. RDC No. 45 of 2010 - Regulation on authorized food additives for use according to Good Manufacturing Practices (GMP); d. RDC No. 623 of 2022 - Establishes tolerance limits for foreign matter in food, general principles for their establishment, and analysis methods for conformity assessment purposes; e. RDC No. 655 of 2022 - Regulation on food recall and its communication to ANVISA (Brazilian Health Regulatory Agency) and consumers; f. RDC No. 275 of 2002 - Standard Operating Procedures applied to food production/processing establishments and GMP checklist; g. Food Chemical Codex.
INTENDED USE	Acidity regulator and chemical leavening agent..
OBSERVATION	Maximum limit (g/100g or g/100ml) for packaged wheat flours (flour and wheat with additives): 4.5.
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"	