	TITLE: PRODUCT SPECIFICATION SHEET SODIUM BICARBONATE SPECIAL FINE GRADE (1E1)		
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IDENTIFICATIONS:	Chemical name	Acid Sodium Carbonate
	Other names	Monosodium Salt of Carbonic Acid Hydrogen Sodium Carbonate
	Type	Special Fine Grade
	Nº (CAS) Chemical Abstracts Service	144-55-8
	Formula	NaHCO ₃

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

	TESTS	UNIT	SPECIFICATION
PARTICLES SIZE PROFILE	Retained mesh 80 (180 µ)	%	60 máx.
	Retained mesh 200 (75 µ)	%	60 mín.

	TESTES	UNIT	ACCEPTABLE LIMIT
BIOLOGICAL CHARACTERISTICS	Salmonella sp.	P/A 25g	Absent
	B. cereus/presumptive	CFU/g	< 100 CFU/g
	Escherichia coli	CFU/g	< 10 CFU/g
	Molds and yeasts	CFU/g	< 500 CFU/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 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.
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INTENDED USE	Acidity regulator and chemical leavening agent..
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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"

CÓPIA PARA CONSULTA