

	TÍTULO: PRODUCT SPECIFICATION DATA SHEET SODIUM BICARBONATE EXTRA FINE GRADE (4XS)		
	CODE: CAM-ENG-FEP-100-015	REVISION: 04	REVISION DATE: 03/08/17

DENOMINATIONS:	Chemical name	Acid Sodium Carbonate
	Other names	Monosodium Salt of Carbonic Acid Hydrogen Sodium Carbonate Extra Fine Grade
	Type	01249
	N° DCB	144-55-8
	N° (CAS) Chemical Abstracts Service	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	150 max.
	Iron	ppm	5 max.
	Calcium	ppm	100 max.
	Heavy Metals (as Pb)	ppm	5 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	
Limit of Ammonia	ppm	20 max	
Appearance of solution	-	Clear and bright solution	

	TESTS	UNIT	SPECIFICATION
PARTICLES SIZE	Retained mesh 200 (75 µ)	%	5 max.
PROFILE	Passed mesh 200 (75 µ)	%	95 min.

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 storage conditions.

The product meets the specification of U.S. Pharmacopeia, Brazilian Pharmacopeia and British Pharmacopeia being appropriated to PHARMACEUTICAL uses.

“This product is not applicable for use in hemodialysis”.

ELABORATION	REVISION		APPROVAL	
Elaborated by: Antonia Soraia M. Neto	Revised by: André Medeiros	Approved by Ivonete Mota	Approved by Inamar Cruz	Approved by Ascânio Pêpe
Dept.: Coordination of Quality Assurance	Dept.: Engineer of Process	Dept.: Supervision of Quality Control	Dept.: Management of Quality Assurance and Environment	Dept.: Management of Production
Signature:	Signature:	Signature:	Signature:	Signature: