

CODE: GC-I-FT-02
Version: 4
Date: 30/12/2025

PHARMASAL TECHNICAL DATA SHEET
INDUSTRY



TECHNICAL DATA SHEET

PRODUCT NAME	PHARMASAL											
TECHNICAL NAME	Sodium chloride min 99.0% USP grade											
PHYSICAL DESCRIPTION	Pharmasal (Sodium Chloride) is a white, crystalline, odorless, hygroscopic solid that is highly soluble in water.											
MAIN INGREDIENTS	Salt of mine origin (Halite), purified and refined by crystallization by mechanical evaporation or Vacuum Pam of brines											
CONTROL SPECIFICATIONS	FEATURE	SPECIFICATION	UNITS	TECHNIQUE								
	Alkalinity or Acidity	<=0.5	mL HCl	USP								
	Aluminum	<=0.2	ppm	ICP - OES								
	Appearance solution	Pass Test	Fulfills = 1	USP								
	Arsenic	<=1	ppm	ICP - OES								
	Barium	Pass Test	Fulfills = 1	USP								
	Bacterial endotoxins	<=5	EU/g	USP								
	Ferrocyanides	Pass Test	Fulfills = 1	USP								
	Iron	<=2	ppm	ICP - OES								
	Id Chlorides	Positive	Fulfills = 1	USP								
	Id Sodium	Positive	Fulfills = 1	USP								
	Bromide boundary	<=100 ppm	Fulfills = 1	USP								
	Phosphate Limit	<=25 ppm	Fulfills = 1	USP								
	Potassium Limit	<=500	ppm	USP								
	Sulfate Limit	<=200 ppm	Fulfills = 1	USP								
	Magnesium and metals	<=100	ppm	USP								
	Heavy metals	<=5	ppm	ICP - OES								
Nitrites	<=0.01	N/A	USP									
Losses due to drying	<=0.50	%	USP									
NaCl titration	99.0 - 100.5	% bs	USP									
Iodides	Pass Test	Fulfills = 1	USP									
PACKAGING AND PRESENTATIONS	PACKAGED QUANTITY	PACKAGING MATERIAL	PRESENTATION									
	25 kg	Laminated polypropylene	Sack									
SHELF LIFE	As it is a mineral product, a re-analysis date is suggested one year after its production before its disposal.											
LOT IDENTIFICATION	The batch code corresponds to the traceability information according to: Production Location–Plant–Year–Julian Day–Shift. For example, for coding in the system, the batch will be recorded down to the shift, with a maximum of seven alphanumeric characters. This code will begin with the letter "L", which identifies the production location (Colombia – Betania), followed by the letter "E", which corresponds to the Salt Packaging plant. Next, the digit "5", corresponding to the year 2025, will be included, followed by the Julian day and the manufacturing shift.											
	<table border="1"> <thead> <tr> <th>Lote</th> <th>Planta</th> <th>Año</th> <th>Día Juliano</th> <th>Turno</th> </tr> </thead> <tbody> <tr> <td>L</td> <td>E</td> <td>5</td> <td>288</td> <td>1</td> </tr> </tbody> </table> <p>Additionally, the digits that appear after the slash (/) in the product's physical coding correspond exclusively to internal traceability information related to the packaging machine or filling line and the country of sale. These digits are not part of the delivery batch to the customer and are used solely for internal process control and monitoring.</p>			Lote	Planta	Año	Día Juliano	Turno	L	E	5	288
Lote	Planta	Año	Día Juliano	Turno								
L	E	5	288	1								

APPLICABLE LEGISLATION	USP NF Monograph
USES AND INSTRUCTIONS	The main use of pharmaceutical salt is: • Use in the manufacture of hemodialysis or hemofiltration solutions.
STORAGE CONDITIONS	Do not store above 30°C or above 75% RH. Due to its high hygroscopic nature, it should be stored in a dry place away from strong odors. Because it does not contain an anti-caking agent, compaction may occur inside the packaging.
HANDLING AND TRANSPORT	Handling Pharmasal during loading, transfer, unloading, dissolving, mixing, and sampling presents no risk. The use of respiratory protection is advisable when large quantities of dust are generated. Vehicles used for transporting Pharmaceutical Salt must have swept floors and clean railings. They must also be equipped with tarpaulins to protect the cargo from rain and dust during transport.
PRECAUTIONS AND RESTRICTIONS	Use adequate ventilation. Minimize the generation and accumulation of fines. Avoid contact with eyes, skin, and clothing. Keep the container tightly closed. Do not ingest or inhale. The Pharmaceutical Salt produced by Brinsa does not present toxicity, but it is NOT SUITABLE FOR HUMAN CONSUMPTION because it lacks the essential micronutrients iodine and fluoride, which are required by Decree 0547 of 1996 from the Ministry of Health. NOTE: The final use of the product is the sole responsibility of the customer. This information is provided for illustrative purposes only and does not replace patents or licenses regarding the use of the product.
ADDITIONAL INFORMATION	<p align="center">EMERGENCY ATTENTION. Tel: (57) (601) 883 3555 Ext. 444.</p> <p align="center">Betania plant km. 6 via Cajicá - Zipaquirá Tel: (+57) (601) 883 3555</p> <p align="center">Medellín Office: Carrera 33 # 7-41 Floor 2 Tel: (+57) (601) 879 3602 (+57) (601) 744 3460</p> <p align="center">National Customer Service (+57) (601) 879 3602 (+57) (601) 744 3460 WhatsApp: (+57) 305 462 0375 E-mail: informacio@brinsa.com.co Brinsa SA Nit: 800-221-789-2 Colombia - South America</p>

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