


CODE: GC-I-FT-01 Version: 2 Date: 30/12/2025	<b>LAVASAL TECHNICAL DATA SHEET</b> INDUSTRY	
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**TECHNICAL DATA SHEET**

<b>PRODUCT NAME</b>	LAVASAL													
<b>TECHNICAL NAME</b>	Sodium chloride min 99%													
<b>PHYSICAL DESCRIPTION</b>	Lavasal (Sodium Chloride) is a white, crystalline, odorless, hygroscopic solid that is highly soluble in water.													
<b>MAIN INGREDIENTS</b>	Salt of mine origin (Halite), purified and refined by crystallization by mechanical evaporation or Vacuum Pam of brines													
<b>CONTROL SPECIFICATIONS</b>	<b>FEATURE</b>	<b>UNITS</b>	<b>SPECIFICATION</b>		<b>TECHNIQUE</b>									
			<b>Min</b>	<b>Max</b>										
	Sodium chloride	% w/w NaCl	99	-	Potentiometric									
	Sulfates	mg SO <sub>4</sub> <sup>2-</sup> /kg	-	2800	Spectrometry									
	Magnesium	mg Mg <sup>+2</sup> /kg	-	2	Atomic Absorption									
	Calcium	mg Ca <sup>+2</sup> /kg	-	16	Atomic Absorption									
	Humidity	%m/m of H <sub>2</sub> O	-	0.05	Gravimetry									
	Other water-insoluble compounds	mg/kg	-	120	Gravimetry									
	Anti-compaction agent (E-535)	Na <sub>2</sub> Fe(CN) <sub>6</sub> mg/kg	-	10	Spectrometry									
	Apparent Density	g/L	900	1400	Volumetrics									
	Total Iron	mg Fe/kg	-	10	Spectrometry									
	Granulometry M-16	%m/m Retains	-	2	Gravimetry									
	Granulometry M-100	%m/m Pass	-	30	Gravimetry									
	Arsenic	mg As/kg	-	1	Atomic Absorption									
	Copper	mg Cu/kg	N/A	N/A	Atomic Absorption									
	Lead	mg Pb/kg	-	1	Atomic Absorption									
Cadmium	mg Cd/kg	-	0.5	Atomic Absorption										
Mercury	mg Hg/kg	-	0.1	Atomic Absorption										
<b>PACKAGING AND PRESENTATIONS</b>	<b>PACKAGED QUANTITY</b>	<b>PACKAGING MATERIAL</b>		<b>PRESENTATION</b>										
	900 kg	Polypropylene		Jumbo Bag										
<b>SHELF LIFE</b>	It is a mineral product that, under suitable storage conditions, has an indefinite shelf life and, being highly hygroscopic, should be stored in a dry place away from strong odors.													
<b>LOT IDENTIFICATION</b>	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" style="margin: auto;"> <thead> <tr> <th style="width: 15%;">Lote</th> <th style="width: 15%;">Planta</th> <th style="width: 15%;">Año</th> <th style="width: 15%;">Día Juliano</th> <th style="width: 15%;">Turno</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">L</td> <td style="text-align: center;">E</td> <td style="text-align: center;">5</td> <td style="text-align: center;">288</td> <td style="text-align: center;">1</td> </tr> </tbody> </table>					Lote	Planta	Año	Día Juliano	Turno	L	E	5	288
Lote	Planta	Año	Día Juliano	Turno										
L	E	5	288	1										
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.														
<b>APPLICABLE LEGISLATION</b>	Not applicable													
<b>USES AND INSTRUCTIONS</b>	The main use of Lavasal salt is: Use in the manufacture of soaps and detergents													
<b>STORAGE CONDITIONS</b>	Lavasal salt is stored on pallets in a covered, dry warehouse, away from any source of contamination or unsanitary conditions, and protected from the outside environment. This area must be designated exclusively for the storage of Lavasal salt, in a way that minimizes deterioration and prevents conditions that could affect its quality, safety, functionality, and integrity.													
<b>HANDLING AND TRANSPORT</b>	Handling Lavasal during loading, transfer, unloading, dissolving, mixing, and sampling presents no risk. Respiratory protection is recommended when large quantities of dust are generated. Vehicles used to transport Lavasal must have swept floors and clean railings. They must also be equipped with tarpaulins to protect the cargo from rain and dust during transport. Vehicles that have previously transported fishmeal, livestock, fertilizers, hides, insecticides, herbicides, petroleum products, or any other product that generates strong or persistent odors should not be loaded, as the merchandise absorbs the unpleasant smell, compromising the quality of Lavasal Brinsa salt.													
<b>PRECAUTIONS AND RESTRICTIONS</b>	Lavasal salt, produced by Brinsa, is non-toxic, but it is NOT SUITABLE FOR HUMAN CONSUMPTION because it lacks the essential micronutrients iodine and fluoride, which are required by Decree 0547 of 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 supersede any patents or licenses regarding the use of the product.													
<b>ADDITIONAL INFORMATION</b>	<p><b>EMERGENCY ATTENTION. Tel: (57) (601) 883 3555 Ext. 444.</b></p> <p><b>Betania plant</b> km. 6 via Cajicá - Zipaquirá Tel: (+57) (601) 883 3555</p> <p><b>Medellín Office:</b> Carrera 33 # 7-41 Floor 2 Tel: (+57) (601) 879 3602 (+57) (601) 744 3460</p> <p><b>National Customer Service:</b> (+57) (601) 879 3602 (+57) (601) 744 3460 WhatsApp: (+57) 305 462 0375 E-mail: informacion@brinsa.com.co</p> <p>Brinsa SA Nit: 800-221-789-2 Colombia - South America</p>													