	<u>SPECIFICATION SHEET</u>	No. FE-GISA-019
	COARSE SALT SEA BOARDING VIA PORT ILHA - SALINE TERMINAL WHITE SAND	Page 1/3 PREPARED: 10/18/2021 REV.: 01 REVISION: 12/28/2022 ISSUE PROCESS: MANAGEMENT

1 ISSUE AND APPROVAL

RESPONSIBILITY	NAME	FUNCTION	PROCESS	SIGNATURE
ISSUER	Beliza Maria de Souza Pinheiro	Responsible Technique	Laboratory	
APPROVER	Kléber Santos Rodrigues	Manager of Operations	Management	

2 COMPLETE DESCRIPTION OF THE MATERIAL OR SERVICE:

Sea salt obtained from the precipitation and evaporation crystallization of seawater shipped in bulk. Coarse salt free from dirt and other impurities capable of causing changes to the product. Produced according to the following composition listed below:

2.1 Sensory characteristics:

- Appearance: Solid appearance with uniform grain size.
- White color.
- Flavor: Characteristic (saline).
- Odor: Odorless.

2.1.1 Others:

- Characteristic: Hygroscopic.
- Allergens¹ : Does not contain.
- Microorganisms: Absent.
Salt is not conducive to the development of microorganisms.
- GMO: Exempt.

2.2 Parameters and specifications


2.2.1 Physicochemicals

Parameter	Minimum	Maximum	Unit
Sodium Chloride (Dry Base) % NaCl		99.5	-
Insoluble in H ₂ O	% m/m	-	0.1
Moisture (*)	% H ₂ O	-	3.15
Calcium	%Ca	-	0.100
Magnesium	% Mg	-	0.055
Sulfate	% SO ₄	-	0.308

(*) This humidity value can reach up to 3.5% in rainy periods.

QMS Critical Analysis							
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¹RDC No. 727, of July 1, 2022

2.2.1.1 Sodium Ferrocyanide and/or Potassium Iodate can be added to coarse salt, when requested by the customer. These inputs are specified in the table below:

Parameter	Unit	Minimum	Maximum
Sodium Ferrocyanide*	(mg/kg)	5	10
Iodine	(mg/kg)	15	45

*Sodium ferrocyanide (anti-humectant) and potassium iodate contents may vary according to customer requirements and the importing country.

2.2.2 Contaminants²

Parameter	Unit	Limit
Mercury (Hg)	(mg/kg)	Max 0.1
Arsenic (As)	(mg/kg)	Max 0.5
Cadmium (Cd)	(mg/kg)	Max 0.5
Lead (Pb)	(mg/kg)	Max 2.0
Copper (Cu)	(mg/kg)	Max 2.0

2.2.3 Granulometric Analysis

2.2.3.1 Typical particle size analysis – Salt Grosso

Sieves (mm)	Percentage (accumulated retained)
12.70	2.7%
9.52	8.1%
4.76	41.8%
2.38	78.4%
0.60	97.9%
BOTTOM	100.0%

The calculation of the granulometric average (typical) is based on the history of analyzes of shipped products.

3 PRODUCT EXPIRY DATE:

Two years after the product was manufactured.


4 REQUIREMENTS FOR PACKAGING OR SERVICE CARE:

Bulk supply.

2RDC No. 722, of July 1, 2022

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5 REQUIREMENTS FOR TRANSPORTATION:

Product shipped from the port of Salina Diamante Branco, in Galinhos - RN, to the Salt Terminal (TERMISA), in Areia Branca, on bulk barges, and from TERMISA to bulk ships, both with clean holds and duly inspected and approved. It should be stored in a cool, dry and ventilated area.

6 REQUIREMENTS FOR HANDLING/PRESERVATION/STORAGE OF MATERIAL:

As it is a hygroscopic product, to maintain its fluidity and other characteristics it must be stored in a dry, cool and odorless place. Do not store near products that pose a risk of contamination due to strong odors, insects, rodents, any physical contaminants or chemical agents.

7 TYPE OF INSPECTION TO BE CARRIED OUT (INCLUDING METHOD OF ANALYSIS):

According to the sampling and analysis plan, according to the Quality Inspection and Test form (Annex I of procedure P-08-SLAB-001).

8 ACCEPTANCE CRITERIA:

The parameters specified above are used for product acceptance and are used to evaluate manufacturing costs and supply history.

9 NATURE OF THE REVIEW:

Revision	Change	Date
00	Not applicable.	10/18/2021
01	General review of the document.	12/28/2022

10 DISTRIBUTION:

Laboratory, Commercial, Processing, Logistics and Production.

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