



TECHNICAL SPECIFICATION

CEREAL GRITS

1. PRODUCT DESCRIPTION			
Technical name:	Cereal Grits		
Trade name:	-		
Composition:	100% white or yellow corn		
Classification:	Raw material for human consumption		
Recommended use for the product	For use in food products. Its use is recommended as a raw material in cereal manufacturing processes.		
2. PHYSICAL AND CHEMICAL CHARACTERISTICS			
PARAMETER	UNIT OF MEASURE	MINIMUM	MAXIMUM
Moisture	%	-	14,5
Fat	%	-	1,0
Foreign Material	%	-	1,0
3. GRANULOMETRY SPECIFICATION			
PARAMETER	UNIT OF MEASURE	MINIMUM	MAXIMUM
Retained in 3 - 1/2 " mesh	%	0	2
Retained in mesh 4	%	20	50
Retained in mesh 5	%	50	80
Retained in mesh 6	%	0	6
Bottom going through mesh 6	%	0	1
4. SENSORY CHARACTERISTICS			
PARAMETER	SPECIFICATION		
Odor	Must be the characteristic, clean, sweet smell of freshly processed grits, free of fungal, musty, fumigant and other foreign odors.		
Color	Characteristic of corn (white or yellow)		
Flavor	Characteristic of corn		
5. MICROBIOLOGICAL SPECIFICATIONS			
PARAMETER	UNIT OF MEASURE	SPECIFICATION	
Escherichia coli	-	Negative	
Salmonella	-	Negative	
Aerobic mesophiles	CFU/g	<100000	
Fungi	CFU/g	<2500	
Coliforms	CFU/g	<100	



6. FOOD SAFETY STANDARDS*			
PARAMETER	UNIT OF MEASURE	MINIMUM	MAXIMUM
HEAVY METALS			
Lead (Pb)	mg/kg		<0.5
Cadmium (Cd)	mg/kg		<0.1
MYCOTOXINS			
Aflatoxins	µg/kg		<20

*Performed every six months

7. EXPECTED SHELF LIFE AND STORAGE CONDITIONS	Being a dry product, it maintains its characteristics as long as it is stored in its original closed packaging, in a cool and dry place, free from moisture, dust, insects, rodents, and strange odors. The shelf life of this product is yet to be determined.
8. PRODUCT LABELING FOR TRACEABILITY	The information on the product label must ensure its traceability. The labeling of this product is yet to be determined, but will include information such as: batch, production and expiration dates, net content, and composition.
9. PACKAGING, PACKING, AND DISTRIBUTION METHOD	Presentations: Bulk or in 25 or 50 kg bags. The packaging and packing of the product, whether in bags or in bulk presentation, must align with industrial safety considerations and good manufacturing practices. The transportation and distribution method must ensure the integrity and safety of the product. The packaging, packing, and distribution method of this product are yet to be determined.



10. HISTORY OF CHANGES			
VERSION NUMBER	CHANGE DETAILS	AUTHOR	DATE
1	Initial creation	Betzabeth Ramírez	07/03/2024
Prepared by: Margarita Damazo	Reviewed by: Julio Araque	Approval Date: 07/03/2024	Last review date: 07/03/2024

