



PRODUCT DESCRIPTION

PRODUCT:	Brown Rice
VARIETY:	Long-grain IRGA 424. <i>Oryza sativa</i> L.

Characteristics:

Size and Shape:

This variety's grains are long and slender, with an average length of 6.5 mm and minimal thickness. These proportions meet international standards for long-grain rice, which is highly sought after for its elegant and uniform appearance.

Visual Appearance:

The grains have a translucent sheen and a smooth surface. This visual quality is one of the main attractions of Long Fine Rice.

Neutral Smell and Taste:

The grain has a neutral aroma and flavor, which makes it highly valued for large-scale use in the food industry. This allows it to be combined with a wide variety of seasonings and preparations without interfering with the final product's flavor.

Industrial Quality:

This variety delivers a high yield of whole grains after processing, a key factor for exporters and importers aiming to minimize losses during transport and ensure top-quality rice is presented to consumers.



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SPECIFICATIONS

STANDARDS	(%) Maximum	Remarks
* Moisture contents	14,00	
* Broken grains	10,00	Reference measurement: 4,5mm
* Chalky grains	3,00	
* Yellow grains	0,50	
* Damaged grains	0,50	
* Whole grain yield	75,00	
* Length	6,80mm	Average length: 6,5mm
* Green grains	3,00	
* Red grains	0,50	

MICROBIOLOGICAL ANALYSIS

DETERMINATIONS	Results	Methodology
Detection of Salmonella spp	Not detected in 25 g	PTA-MC-028. Isolation and confirmation.
Detection of Genetically Modified Organisms * -GMO-	Not detected in the analyzed sample	PCR (P35, TNOS, and endogenous gene)

"E" = Exponent in base 10 that multiplies the whole number.
By ISO standards, the result "Detected (<Quantification Limit)" means that microorganisms are present, but at levels below this value.

GENERAL ANALYSIS

DETERMINATIONS	Results	Unit	LoQ	Methodology
* Aflatoxin B1	< 1,0	µg/kg	1	LC-MS/MS
* Aflatoxin B2	< 1,0	µg/kg	1	LC-MS/MS
* Aflatoxin G1	< 1,0	µg/kg	1	LC-MS/MS
* Aflatoxin G2	< 1,0	µg/kg	1	LC-MS/MS
* Deoxynivalenol	< 50	µg/kg	50	LC-MS/MS
* Fumonisin (B1+B2)	< 20	µg/kg	20	Mathematical calculation
* Ochratoxin A	< 1,0	µg/kg	1	LC-MS/MS
* Patulin	< 5,0	µg/kg	5	LC-MS/MS
* Total aflatoxins (B1+B2+G1+G2)	< 1,0	µg/kg	1	Mathematical calculation
* Toxins (sum of T-2 and HT-2)	< 50	µg/kg	50	Mathematical calculation
* Zearalenone	< 10	µg/kg	10	LC-MS/MS

Obs: analyzed in a rice sample (approx. 1 kg in a plastic bag).

PHYSICOCHEMICAL ANALYSIS

Metals	Results (o.s) ± I	Max limit**	Unit	Methodology
* Arsenic As	0,113 ± 0,050		mg/kg	PTA-FQ-027, hydride generator, ICP-AES
* Total Cadmium Cd	< 0,0100		mg/kg	PTA-FQ-27, ICP-AES based on UNE-EN 15510
* Mercury Hg	< 0,0040		mg/kg	PTA-FQ-027, hydride generator, ICP-AES
* Total Lead Pb	< 0,0200		mg/kg	PTA-FQ-27, ICP-AES based on UNE-EN 15510

The results are expressed according to Regulation (EC) No 333/2007 and do not include correction for recovery. The uncertainty (U) is indicated with a coverage factor of 2 (95% confidence).

The maximum content of metals in food is expressed according to Regulation (EU) No 915/2023, and for mercury according to Regulation (EC) No 396/2005, in their consolidated versions in force, including all amendments.

o.s.: on original sample.



Packaging

In bulk in Liner bags

Observations

**Sources: Analysis of a sample containing 1 kg of Brown Rice at Laboratorio Fitosoil
Sample No.: 24024823
Report No.: 24024823.01**