



**Product in development – Specification is subject to change without prior notice.**

### Description

The **Toasted Sesame Paste** is obtained by grinding sesame seeds (*Sesamum indicum* L.), resulting in a homogeneous and creamy paste. This paste is rich in oleic ( $\omega$ -9) and linoleic ( $\omega$ -6) fatty acids, which are essential for nutrition. The roasting process imparts an intense and characteristic flavor.

### Technical Data

PARAMETERS	UNITS	SPECIFICATION	METHODOLOGY
<b>Sensorial</b>			
Appearance (Visual)	-	Pastelike (Viscous)	ABNT 5492:2014
Colour (Visual)	-	Brown	ABNT 5492:2014
Flavor (Sensory)	-	Characteristic of toasted sesame seed	ABNT 5492:2014
<b>Físico-químico</b>			
Fiber content <sup>1</sup>	%	8 – 15	AOAC 985.29.
Protein content <sup>1</sup>	%	20 - 25	AOAC 979.09
Acid index	mgKOH/g	≤ 4.0	AOCS Cd 3d - 63
Peroxide index	meq/kg	≤ 15.0	AOCS Cd 8b - 90
<b>*Microbiology<sup>2</sup></b>			
Salmonella	25g	Absence	ISO-6579-1
Escherichia Coli	CFU/mL	≤ 20.0	ISO-16649-1
Bolores e leveduras	CFU/mL	≤ 10.0	ISO 21527-1:2018
Enterobacteriaceae	CFU/mL	≤ 10 <sup>2</sup>	ISO 21527-1:2018
<b>*Heavy Metals<sup>1,2</sup></b>			
Total Arsenic (As)	mg/kg	≤ 0.10	Atomic Flame Absorption Spectrophotometer
Lead (Pb)	mg/kg	≤ 0.10	
Copper (Cu)	mg/kg	≤ 10.0	
<b>*Strange Materials<sup>1,2</sup></b>			
Sand/Ashes insoluble in acid	%	≤ 1.5	Gravimetry - PEQ22-01
Dead Mite	-	≤ 5.0	Gravimetry - PEQ22-01

\*Monitoring analyses related to product safety and quality.

<sup>1</sup>Annual, according to internal systematic.

<sup>2</sup>Analyzes carried out in accredited external laboratory.



### Allergens

Allergens table referring to Codex Alimentarius, FDA, UE Regulamentation and updated with ANVISA's RDC N° 727, 2022 presents on **Toasted Sesame Paste**.

Allergens List and his derivatives	Added to the product?	Cross contamination Hazard?	Substance specific name
<b>Milk and derivatives</b> (include casein, butter, cheese, whey, lactose, margarine, cream, caseinate, yogurts, rennet, milk powder and others).	No	No	-
<b>Eggs and derivatives</b> (include mayonnaise, meringue, albumin, egg lecithin and others).	No	No	-
<b>Soy e derivatives</b> (includes tofu, soy derivatives and others).	No	No	-
<b>Wheat and other cereals (Rye, Barley, Oats and their strains) e derivatives</b> (includes gluten, bran, extracts, crackers, flour, malt, wheat germ, wheat starch, semolina and others).	No	No	-
<b>Peanuts and derivatives</b> (include peanut butter and flour, protein an others).	No	No	-
<b>Nuts, Walnuts e derivatives.</b> Includes <b>Brazil Nuts</b> ( <i>Bertholletia excelsa</i> ), <b>Cashews</b> ( <i>Anacardium occidentale</i> ), <b>Hazelnuts</b> ( <i>Corylus</i> spp.), <b>Pecans</b> ( <i>Carya</i> spp.), <b>Walnuts</b> ( <i>Juglans</i> spp.), <b>Pistachio</b> ( <i>Pistacia</i> spp.), <b>Pine Nuts</b> ( <i>Pinus</i> spp.), <b>Macadamias</b> ( <i>Macadâmia</i> spp.), <b>Nuts</b> ( <i>Castanea</i> spp.), <b>Almonds</b> ( <i>Prunus dulcis</i> , sin.: <i>Prunus amygdalus</i> , <i>Amygdalus communis</i> ) e others.	No	Yes	Pistachio/ Almonds <sup>2</sup>
<b>Fishes</b> (all kinds).	No	No	-
<b>Seafood (Crustaceans and shellfish</b> , including shrimps, lobsters, crabs, mussels, shellfish e others).	No	No	-
<b>Sulfites</b> (sulfur dioxide and sulphites in concentrations $\geq 10$ mg/kg ou 10 mg/L expressed as SO <sub>2</sub> ).	No	No	-
<b>Glutamic Acid</b> (and his salts).	No	No	-
<b>Tartrazine</b>	No	No	-
<b>Celery</b> (root, leaves or stem) and other derivatives.	No	No	-
<b>Sesame</b> (seeds and sesame-based products).	Yes	-	Sesame seed <sup>1</sup>
<b>Mustard</b> (all kinds) and derivatives.	No	No	-
<b>Phenylalanine</b>	No	No	-
<b>Lupin</b> (and lupin-based products).	No	No	-
<b>Natural Látex</b>	No	No	-

<sup>1</sup>ALLERGY WARNING: CONTAINS SESAME DERIVATIVES.

<sup>2</sup>ALLERGY WARNING: MAY CONTAIN PISTACHIOS AND ALMONDS.



### Application

The **Toasted Sesame Paste** can be used as an ingredient in various food applications.

### Nutritional information

NUTRITION INFORMATION			
Portion per pack: NA			
Portion: 13g (soup spoon)			
	100g	13g	%VD*
Energetic value	592 kcal (=2.476.9kJ)	76,96 kcal (=322kJ)	3.85
Proteins (g)	25.11	3.26	6.52
Total Carbohydrate (g)	2.47	0.32	0.1
Total Sugars (g)	0	0	-
Added Sugars (g)	0	0	-
Total fat (g)	53.47	6,95	10.7
Saturated Fat (g)	8.24	1.07	5.35
<i>Trans</i> Fat (g)	0	0	0
Monounsaturated Fat (g)	23.40	3.04	15.2
Polyunsaturated Fat (g)	21.9	2.84	14.2
Cholesterol (mg)	0	0	-
Total Dietary Fiber (g)	9.42	1.22	4.88
Sodium (mg)	0	0	-

\*Percentage of daily values provided per serving.



### Ingredients

The **Toasted Sesame Paste** can be used as an ingredient in various food applications.

### Packaging

#### Packaging size:

**Plastic Buckets:** 18 kg\*

\*If you need other sizes, please contact us.

### Storage and Shelf Life

The **Toasted Sesame Paste** is stable for approximately 12 months when stored tightly closed in an environment with a constant temperature (preferably not above 25°C), dry, well-ventilated, protected from sunlight and heat sources.

**Important note:** *The shelf life is considered to be sealed.*

### Additional Information

- Product of vegetable origin.
- It is produced according to *Codex Alimentarius*.
- Microbiological and Contaminant Analysis Standard: IN No. 161, of July 1, 2022, and IN No. 160, of July 1, 2022.
- Strange Materials: According to ANVISA RDC n° 623/22.
- GMO: **The Toasted Sesame Paste** doesn't have *genetically modified organisms* (GMO), on none of the phases of its processing, from the raw material used until the final product is obtained.