



## PRODUCT SPECIFICATION

Product Name: TAPIOCALINE EX533 25KG SACK

Product Code: F180044

### DEFINITION

TAPIOCALINE® EX 533/Tapioca Express is an agglomerated and partially pregeletanized starch obtained by heat moisture treatment of cassava starch (*Manihot esculenta*).

### INGREDIENT LIST

. 100 % tapioca starch

### LEGAL NAME

Tapioca / Starch / Tapioca starch

### ALLERGENS

Declaration : May contain traces of gluten

	Present in the product ? Yes / No	Cross contamination risk ? Yes / No
* <b>MILK</b> and/or milk-based products	No	No
Casein/sodium caseinates	No	No
Cow's milk proteins	No	No
Lactose	No	No
* <b>EGGS</b> and/or egg-based products	No	No
* <b>SOYA</b> and/or soya-based products (soya proteins, soya oil, etc..)	No	No
* <b>CEREALS</b> containing <b>GLUTEN</b>	No	Yes
Wheat	No	Yes
Rye	No	No
Triticale	No	No
Barley	No	Yes
Oats	No	No
Spelt	No	No
Kamut	No	No
Others (specify the name) :	No	No
* <b>FISH</b> and/or fish-based products	No	No
* <b>CRUSTACEANS</b> and/or crustaceans-based products	No	No
* <b>MOLLUSCS</b> and/or mollusc-based products	No	No
* <b>TREE NUTS</b> and by-products :		
Almond	No	No
Nuts	No	No
Cashew nuts	No	No
Brazil-nut	No	No
Macadamia nuts	No	No
Pecan nuts	No	No
Hazelnuts	No	No
Pistachios	No	No
Chestnuts	No	No
Others	No	No
* <b>PEANUT</b> and/or peanut-based products	No	No
* Sulphurous anhydrides and <b>SULPHITES</b> (E220→E227)> 10ppm (Specify the maximum quantity in mg/kg)	No < 10 ppm	No
* <b>CELERY</b> and/or celery-based products	No	No
* <b>MUSTARD</b> and mustard-based-products	No	No
* <b>LUPIN</b> and/or lupin-based products	No	No
* <b>SESAME</b> and sesame-based products	No	No
* <b>PINE KERNEL</b>	No	No
* <b>LATEX NATURAL</b>	No	No

While we have taken all reasonable steps to verify the accuracy of the information contained in this specification, no warranties are given to this effect and purchasers should determine for themselves whether products are suitable for their own specific use. The information contained in this specification is intended for the customer it has been issued to. It must not be reproduced, or the information contained therein passed on to any third party without the written consent of Scobie & Junor.



### COUNTRY OF ORIGIN

Product in France  
 Raw material origin : Thailand / Latin America

### PHYSICAL AND CHEMICAL SPECIFICATIONS

<i>Appearance</i> :	Fine creamy-white granules, brightly and lightly translucent
<i>Granulation</i> :	Above 0.90 mm : < 10 % Below 0.315 mm : < 10 %
<i>Viscosity</i> :	Brabender with 6 % anhydrous starch for a 700 cmg dynanometric box Max. 400 UB +/- 100 UB at about 80° C Gelatinization starting at about 68° C
<i>Moisture</i> :	< 14 %
<i>pH (10 %)</i> :	5 +/- 1
<i>SO<sup>2</sup></i> :	< 10 ppm
<i>HCN</i> :	< 10 ppm (Codex Alimentarius)

### NUTRITIONAL VALUES

Average value on raw product	per 100 g
Energy	1538 kJ 362 kcal
Fat	0 g
of which saturated	0 g
Carbohydrates	90 g
of which sugars	0 g
Proteins	0 g
Salt	0 g

*Glycemic Index* 75 (+/- 10)

(Source : International table of Glycemic Index and Glycemic load values, 2002, author Kaye Foster-Powell)

### ORGANOLEPTIC SPECIFICATIONS

Neutral taste and odour.

### MICROBIOLOGICAL SPECIFICATIONS

<i>Total plate count</i>	< 10 000/g	<i>E. Coli</i>	< 10/g
<i>Moulds</i>	< 100/g	<i>Staphylococcus</i>	< 50/g
<i>Yeasts</i>	< 100/g	<i>Salmonella</i>	Absence/25g
<i>Enterobacteria</i>	< 1 000/g	<i>Bacillus cereus</i>	< 50/g

### PESTICIDE RESIDUES

Products are supplied in accordance with the current EU Pesticides Regulation

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Adding  
**Value**  
to  
**Food**

### **HEAVY METALS/MYCOTOXINS**

Products are supplied in accordance with the current EU Regulation

### **PACKAGING**

- . 250 g box / film wrapped batch
- . 25 kg bag
- . 900 kg / 1 T big bag

### **IONIZATION**

	<b>Yes</b>	<b>No</b>
Is the product ionized ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Is one or more components of the product ionized ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

### **GMO**

Product subject to labelling under EU regulations CE n°1829/2003 or CE 1830/2003 ? **Yes**  **No**

### **USE/INTENDED USE**

This product is not suitable to manufacture baby foods, as defined by EU Regulation No 609/2013.

### **SHELFLIFE**

3 years ; to preserve safe from heat and moisture.

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