



MATERIAL TECHNICAL DATA SHEET

5137086700149999 - GUARANA EXTRACT POWDER

Description

Product obtained by hydroalcoholic extraction of the Paullinia cupana (Sapindaceae) seeds, and then Spray dried. Due to its energetic properties, make it suitable for use in various applications in the food industry.

Common Uses and Orientative Dosage

Drink mix/beverage 100 g/100L

The recommendations of common uses and dosage are based on internal testing and guided by current legislation. It is the responsibility of each manufacturer to evaluate whether the application in the final product complies with the appropriate legislation.

Ingredients

Maltodextrin, natural caffeine and guarana seed.
GLUTEN FREE

Transgenic (GMO)

Does not contain transgenic ingredients in its composition.

Sensory Characteristics

Appearance (Aspect and color) : Beige Fine Powder. There may occur colour variation.
Sensory Analysis (Odor and taste) : According

Physical and Chemical Characteristics

Moisture Karl Fischer : 6.00 g/100g max.
Specific Gravity : 0.40 g/mL - 0.80 g/mL
pH : 4.50 - 5.50
Caffeine : 10.00 g/100g - 12.00 g/100g

Microbiological Requirements

Total aerobic mesophilic count : 1000 CFU/g max.
Escherichia coli : Negative /g
Yeasts and Molds : 100 CFU/g max.
Staphylococcus aureus : Negative /g
Salmonella spp : Negative /25g
Total Coliform : 10 MPN/g max.

Shelf Life

24 months from the date of manufacture if following storage conditions.

Storage, Distribution and Handling Conditions

Avoid sun exposition. Store in dry and ventilated place. Keep it in original pack, very well closed.

Packaging

Plastic bag inside a multi-layer paper bag

Nutrition Facts Portion 100.00 g

Energy:	336.360 kcal
Carbohydrates:	77.000 g
Total sugar:	0.700 g
Proteins:	7.000 g
Total fat:	0.040 g
Saturated fat:	0.000 g
Trans fat:	0.000 g
Dietary fiber:	0.000 g
Sodium:	49.460 mg

Heavy Metals

Due to the nature of the production process, and implemented Food Safety programs, Duas Rodas's manufacturing processes do not offer risk of product contamination with heavy metals. Therefore, we do not perform such analysis in our final products, but we require from our suppliers the control of such hazards in their products if applicable.



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Pesticides

Due to the nature of the production process, and implemented Food Safety programs, Duas Rodas's manufacturing processes do not offer risk of product contamination with pesticides. Therefore, we do not perform such analysis in our final products, but we require from our suppliers the control of such hazards in their products if applicable.

Mycotoxins

Due to the nature of the production process, and implemented Food Safety programs, Duas Rodas's manufacturing processes do not offer risk of product contamination with mycotoxins. Therefore, we do not perform such analysis in our final products, but we require from our suppliers the control of such hazards in their products if applicable.

Microscopy and Macroscopy

The physical hazards that offer any risk to consumers health risk have been analysed by using the HACCP plans with a focus on hazard analysis by stages and, when significant, control measures are planned. Therefore, such hazards are eliminated or reduced to acceptable levels through the process.

BSE / TSE

This product is BSE free (Bovine spongiform encephalopathy) / TSE free (Transmissible spongiform encephalopathes).

Biodiversity

Guarana - Paullinia cupana - SISGEN ADAD869
Mandioca - Manihot esculenta - SISGEN A50C0DE

Flowchart Process

REG0036

Certifications

Kosher
HALAL

Source Material

DR0029761.0001 - K.GUARANA EXTRACT POWDER (SPRAY DRYER)
The characters 9999 symbolize the variations of package that this material has.

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Allergens Declaration

Classification	Composition		Presence in the production line	
	Yes	No	Yes/No	Controlled
Celery and derivatives		X	Yes	Yes
Almond (<i>Prunus dulcis</i> , sin.: <i>Prunus amygdalus</i> , <i>Amygdalus communis</i> L.) and derivatives		X	No	Yes
Peanuts and derivatives		X	Yes	Yes
Oat		X	Yes	Yes
Hazelnuts (<i>Corylus</i> spp.) and derivatives		X	Yes	Yes
Cashew nuts (<i>Anacardium occidentale</i>) and derivatives		X	Yes	Yes
Brazil nut or Brazil nut (<i>Bertholletia excelsa</i>) and derivatives		X	No	Yes
Chestnuts (<i>Castanea</i> spp.) and derivatives		X	No	Yes
Rye and hybrid strains and derivatives		X	Yes	Yes
Barley and hybrid strains and derivatives		X	Yes	Yes
Crustaceans (Shrimp)		X	No	Yes
Sulfur dioxide (SO ₂) in concentration higher than 10ppm		X	Yes	Yes
Spelled, hybrid strains and derivatives		X	No	Yes
Sesame and derived products		X	No	Yes
Kamut, hybrid strains and derivatives		X	No	Yes
Natural latex		X	No	Yes
Milk and dairy products		X	Yes	Yes
Macadamia (<i>Macadamia</i> spp.) and derivatives		X	No	Yes
Molluscs and derivatives		X	No	Yes
Mustard		X	Yes	Yes
Nuts (<i>Juglans</i> spp.) and derivatives		X	No	Yes
Nuts of Queensland (<i>Macadamia ternifolia</i>)		X	No	Yes
Egg and derivatives		X	Yes	Yes
Pecan (<i>Carya</i> spp.) and derivatives		X	Yes	Yes
Fish and dairy products		X	No	Yes
Pinoli (<i>Pinus</i> spp.) and derivatives		X	No	Yes
Pistachio (<i>Pistacia</i> spp.) and derivatives		X	No	Yes
Soy and derivatives		X	Yes	Yes
Lupines and derivatives		X	No	Yes
Wheat and hybrid strains and derivatives		X	Yes	Yes

Duas Rodas Allergen Management System establishes a list of allergen raw materials, preventive measures and a systematic control including product development, production and distribution, in order to prevent crossed contaminations. The list of allergenic raw materials is based on the Brazilian legislation (RDC26/2015) and Council Directive EC 1169/2011. Additionally, the Allergen Management System includes specific areas for allergens storage, rooms for allergen manipulation, sanitation procedures with efficiency control, and others. Every new product is developed considering allergenicity requirements. Any new potentially allergenic raw material is included in the list of allergens for control. This means that it will be identified, stored, separated and manipulated according to specific criteria to prevent any risk of crossed contamination. Duas Rodas established in its Allergen Policy the limit quantification of 10ppm for allergen cross contamination declaration. The table above is referenced for viewing and controlling cross contamination. For other allergens covered by the United States (FDA) lists (example coconut, lychee, and others.), allergen control is accomplished through the composition of the material, so for these substances consider the information contemplated in the topic ingredients.



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Versions / Changes History

10 - 02/24/2018: Changed allergens.

11 - 12/05/2018: Withdrawn material certifications.

12 - 04/30/2019: Changed to new data sheet template.

13 - 07/08/2020: Changed to new data sheet template, Inclusion/Changed flowchart process, Biodiversity.

14 - 04/23/2021: Withdrawn allergens.

A handwritten signature in black ink, appearing to read "Almando dos Santos Junior".

Almando dos Santos Junior
Quality Coordinator