



1. INTRODUCTION

An incredibly delicious superfood with extraordinary levels of healthy compounds, blackberry has even proven to be effective in preventing DNA cell damage, which is the cause of many health problems such as degenerative and cardiovascular diseases. It also contributes to the good health of the eyes, memory and hair. Blackberry contains some highly antioxidant compounds, including anthocyanidins, which are considered to be 50 times more potent than vitamin E (Alpha-tocopherol) and 20 times more than vitamin C. It also has an important portion of pectin, a soluble fiber indicated for diabetics or hypoglycemic patients, as it helps to maintain the balance of blood glucose levels, high cholesterol and obesity besides to aid the healthy functioning of the digestive tract. Blackberry also has a significant shot of fibers, minerals iron, magnesium and manganese, and vitamins A, B5, B9, C and K, which simultaneously help in the prevention of various diseases.

2. RAW MATERIAL DATA

Botanical Source	: <i>Morus nigra</i>
Family	: Moraceae
Origin	: South and southeast regions of Brazil
Used part	: Pasteurized fruit pulp / puree
Extraction solvent	: 100% water
Amount of active ingredient	: 70% of frozen pasteurized fruit pulp
Extraction ratio	: 8 kg fruit : 1 kg powder
Ratio fruit pulp to carrier	: 70% of blackberry pulp : 30% food dextrin as carrier
Preservative	: See item 5. Food Additives
GMO-free status	: See Item 9. Non-GMO Status
Coloring agent	: See item 13. Dyes and Azo Dyes Content
Ionizing radiation	: See item 14. Irradiation & ETO Sterilization
Nano-materials	: Free
BSE/TSE status	: See Item 17. Bovine Spongiform Encephalopathies

3. SPECIFICATIONS

Physical-Chemical & Sensorial:

	Specification
Powder appearance, visual	Purple powder
Moisture, %	≤ 5,0%
pH	4,4 ± 0,3
Free-Flow Density, g/liter ⁽¹⁾	250,0 ± 50,0
Packed Density, g/liter ⁽¹⁾	470,0 ± 50,0
Particle Size, % through 40 Mesh	≥ 80,0
Color ⁽²⁾ , Pantone Matching System	234C ± 1,0
Manganese, mg/100g	1,0 ± 0,1 (32%VD)
Vitamin K (Phylloquinone), mcg/100g	30,0 ± 5,0 (25%VD)

Microbiological:

	Specification
Standard Plate Count, CFU/g	< 1,0 x 10 ⁴
Yeasts and Molds, CFU/g	< 1,0 x 10 ²
Fecal Coliforms /g	Absent
E. coli/g	Absent
Salmonella/25g	Absent

Application & Functionality:

Dietary and energy food supplement, the blackberry is usually added to foods and beverages for their distinctive acid and pleasant taste. It is quite useful for preparing several formulations such as soft drinks and alcoholic beverages. As an ingredient, blackberry powder can be blended with strawberry, raspberry, cranberry to produce a perfect red fruit juice highly rich in vitamin C. It can be used in various formulations such as yogurt, juices, jams, desserts, mousses, pies and cakes, and still for therapeutic reasons for people in endurance physical activities. *Home consumption suggestion:* One serving (2 tablespoons) to 150 to 200ml cup of blackberry juice or smoothie. *Reconstitution:* 20g of powder is equivalent to 160g of blackberry fruit. Product suitable for diabetics and consumers on a fat diet.

Ingredients: Frozen pasteurized blackberry pulp, food maltodextrin produced from hydrolysis of cornstarch (E-1.400), amaranth (E-123) and brilliant Blue (E-133) coloring agents, silicon dioxide (E-551) as anti-caking agent, and citric acid (E-330) as antioxidant and preservative agent.

Packaging: 25 kg, internally into 200µ microns and food grade polyethylene bags and externally into cardboard cartons with nontoxic multi-layer corrugated kraft paper or cardboard drums. The cardboard carton can optionally be shrink-wrapped.

Nutritional Facts/100g:

Calories 370Kcal	Calories from fat 9kcal
	% Daily Value⁽³⁾
Total fat 1g	2%
Saturated fat 0g	0%
Mono- & poly-unsaturated fat 60mg	-
Trans fat 0g	-
Cholesterol 0g	0%
Sodium 24mg	1%
Carbohydrates 90g	30%
Dietary fiber 8g	32%
Sugars 7g (from blackberry fruit)	-
Includes 66g of added sugars ^{(4) (5)}	132%
Proteins 2g	4%
Vitamin D 0mcg (0%)	Vitamin C 32mg (32%)
Calcium 55mg (5%)	Iron 2mg (14%)
	Potassium 246mg (7%)

Shelf Life: One (1) year. The product may lose much of its chemical, sensorial and nutritional characteristics if stored in an environment with severe climate conditions and direct sunlight.

Storage: Store in a cool and dry place with a room temperature between 15 and 30°C and relative humidity less than 55% RH. Keep the product free from extraneous odor and chemicals.

Regulatory Information:

Harmonized System (GHS / NCM) # 21.06.90.90
 Exempted from registration: (RDC # 23 15/03/2.003-ANVISA/BR)
 29 CFR 1910 Act Classification: Not Hazard substance
 CAS Registry (Chemical Abstract Services): # 84787-69-9
 ECHA Registry (European Chemicals Agency) # 284-110-6

⁽¹⁾ During transport and storage, this product may compact. Its volume, however, corresponds to the indicated net weight. Therefore, these conditions make us inform and certify that the density of the product at the final destination may vary to figures reasonably higher than those observed in the product certificate of analysis (CoA). Results of free flow density leaving the spray dryer.

⁽²⁾ Product appearance & color may vary according to the fruit origin, climatic factors, harvest time, natural variation between crops, fruit selection system, and storage conditions, etc.

⁽³⁾ The % Daily Values tells you how much a nutrient in a serving of food contributes to a daily diet. And, 2.000 calories a day is used for general nutrition advice.

⁽⁴⁾ In compliance with Resolution RDC 429 ANVISA/Brazil, of 10/08/2020 - New Nutritional Labeling of Packaged Foods, which defines and changes the daily reference values (VDR) for nutritional labeling of foods in and includes malto dextrin and other hydrolyzed carbohydrates as added sugar. Calculation of nutritional information based on Art. 32, paragraphs II and III of RDC 429.

Note: Resolution RDC 429 ANVISA/Brazil valid only for Brazilian territory. In countries whose food legislation does not consider hydrolyzed carbohydrates as added sugar, this must be considered 0g (0% Daily Value).

⁽⁵⁾ In the specific case of spray dried blackberry powder, malto dextrin is used as carrier or bulking agent.

4. ALLERGENIC STATUS AND SENSITIZING AGENTS

Status:	Direct Incorporation		Additional information					
	Does the item contain any of the following allergens or their derivatives in the composition? If yes, specify		Produced on the same equipment or plant that processes the following allergens?		Possibility of cross contamination by the following allergens?		Present at the factory and in stock. Controlled within the allergen segregation and management rules, in the stock and dedicated production areas. According to the allergen program**	
Allergen*:	Yes	No	Yes	No	Yes	No	Yes	No
Cereals containing gluten (i.e. wheat, rye, barley, oats, spelt or their hybridized strains) and products thereof ^{1,2,3}		X		X		X		X
Other gluten-containing grains, i.e.,		X		X		X		X

triticale and kamut							
Crustaceans and products thereof ^{1,2,3}		x		x		x	x
Mollusks and products thereof ^{2,3}		x		x		x	x
Fishes and products thereof ^{1,2,3}		x		x		x	x
Eggs and products thereof ^{1,2,3}		x		x		x	x
Peanut and products thereof ^{1,2,3}		x		x		x	x
Soy and products thereof ^{1,2,3}		x		x		x	x
Milk and products thereof ^{1,2,3} (including lactose) ^{***}		x		x		x	x
Nuts, i.e. almonds, hazelnuts, walnuts, cashew nut, Brazil nut, pecan nuts, chestnuts, pistachio nuts, pignoli, macadamia nuts and Queensland nuts and products thereof ^{1,2,3}		x		x		x	x
Sulphur dioxide and sulfites at concentrations of more than 10 mg/kg or 10 mg/liter expressed as sulphur dioxide ^{2,3}		x		x		x	x
Sesame seeds and products thereof ^{2,3}		x		x		x	x
Celery and products thereof ^{1,2,3}		x		x		x	x
Mustard and products thereof ³		x		x		x	x
Lupine and products thereof ³		x		x		x	x
Colorings ⁴		x		x		x	x

*In compliance with Regulation (EU) No 1169-2007 - Allergen Status and Regulation (BR) ANVISA/DC N° 26 of 02/07/2015

**We guarantee that the allergenicity information contained in the technical specification is carefully defined. We ensure the absence of cross-contamination with other allergens contained in the production process through a rigorous internal Allergen Control Procedure available on site, which establishes the rules of conduct to prevent cross-contamination from receipt of the input, its identification and segregation according to the category of allergenic and non-allergenic.

***We declare that there is no possibility of cross-contamination with milk and its derivatives in the manufacturing plant, including the raw materials and ingredients warehouse and the finished product warehouse, since the company strictly follows all the Allergen Control Procedures in said plant.

References:

- 1 Allergens identified by the FDA as causing serious allergic reactions in some individuals
- 2 Priority Food Allergens identified by Health Canada
- 3 Allergenic foods identified in Annex III-a of the EU Labeling Directive
- 4 FD&C certified (including Yellow 5 & 6), titanium dioxide, carmine, artificial colorings
- 5 Resolution RDC 26 - Allergens in Food identified by Health Surveillance Agency Brazil

5. FOOD ADDITIVES

Used Additives	Usage Rate (mg/kg body weight):	Maximum Tolerable Limit ⁽¹⁾ :
Citric acid	≤ 1,5 mg/kg body weight/20g portion	Quantum satis
Silicon dioxide	≤ 5,0 mg/kg body weight/20g portion	Quantum satis

(1) In compliance with Regulation EC No. 1333/2008 relating to food additives, mg/kg

6. FOOD FRAUD, BIOTERRORISM AND FOOD SAFETY

In compliance with Regulation (EC) No. 178/2002 and the Public Health Security and Bioterrorism Preparedness and Response Act of 2002 (Bioterrorism Act and the US FDA Food Safety Modernization Act), the company, considering its Quality and Food Safety Management System, provides a complete food fraud mitigation plan, through document FO/GQ/04/19 – Product Risk Factor Classification, which includes the risk score of suppliers, raw materials, ingredients, additives, and packaging materials used in the production of its dehydrated powder products and their classifications as product risk factors.

According to Regulation (EC) No 178/2002, Food Fraud is committed when food is illegally placed on the market with the intention of deceiving the consumer, usually for financial gain when there is a high potential for economic profit and a low risk of detection. And, according to the Public Health Security and Bioterrorism Preparedness and Response Act 2002, Food Safety considers food hazards through elements and/or substances that may pose a health risk to people.

Note: - The company makes the document in question available upon customer demand.

7. CONTAMINANTS IN FOODSTUFFS

Contaminant*	Maximum levels		Remarks
Section 1. Nitrate (NO ₃)	Absent	mg/kg	-
Section 2. Mycotoxins	-	-	-
Aflatoxin	4,0	µg/kg	Sum of B ₁ , B ₂ , G ₁ and G ₂
Ochratoxin	2,0	"	-
Patulin	Absent	"	-
Deoxyvalenol	Absent	"	-
Zearalenone	Absent	"	-
Fumonisin	Absent	"	Sum of B ₁ and B ₂
T-2 & HT-2 toxin	Absent	"	-
Citrinin	Absent	"	-
Ergot sclerotia	Absent	g/kg	-
Ergot alkaloids	Absent	"	-
Section 3. Metals	-	-	-
Lead	0,2	mg/kg wet wt	-
Cadmium	0,05	"	-
Mercury	0,1	"	-
Tin (Inorganic)	50,0	"	-
Arsenic (Inorganic)	0,1	"	-
Section 4. Chloropropanols	-	-	-
Monochloropropane (3-MCPD)	Absent	µg/kg	-
Dichloropropanol (1,3-DCP)	Absent	mg/kg	-
Section 5. Dioxins and PCBs	Absent	pg/g net wt	Sum of dioxins and PCBs
Section 6. Polycyclic aromatic hydrocarbons	Absent	µg/kg	-
Section 7. Melamine and analogues	Absent	mg/kg	-

Section 8. Inherent plant toxins	Absent	-	-
Erucic acid	Absent	g/kg	-
Tropane alkaloids	Absent	-	-
Atropine	-	µg/kg	-
Scopolamine	Absent	"	-
Hydrocyanic acid	Absent	"	-
Radionuclides	Absent	Bq/kg	Pu238, Pu239, Pu240, Am241
Other contaminants	-	-	-
Acrylonitrile	Absent	mg/kg	-
Hydrocyanic acid	Absent	"	-
Vinyl chloride monomer	Absent	"	-
Phosphonic (phosphorous) acid	Absent	"	-
Dimethoate	0,2	"	-
Fosetyl	Absent	"	-
Omethoate	0,2	"	-
Tebuconazole	2,0	"	-
Epoxyethane or ethylene oxide	Absent	"	-
Glycidyl fatty acid esters, as glycidol	Absent	"	-
Perchlorate	Absent	"	-

***References:**

- (1) In compliance with EU-regulation no. 1881-2006 - Maximum Levels for Certain Contaminants in Foodstuffs
- (2) FAO WHO Codex Alimentarius - General Standard for Contaminants and Toxins in Food and Feed - CXS 193/1995
Adopted in 1995
Revised in 1997, 2006, 2008, 2009
Amended in 2010, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019
- (3) In compliance with EU-regulation no. 629/2008 - Heavy Metals
- (4) In compliance with EU-regulation no. 2015/1933 - Polycyclic aromatic hydrocarbons (PAH)

Considering that the limits for contaminants in food (Paragraph 7 above), **we state** that the product in reference, spray dried blackberry powder, does comply with the rules on maximum levels for certain contaminants in foodstuffs as set out by Regulation (EU) 2023/915 of April 25, 2023

8. PHYSICAL CONTAMINANTS⁽¹⁾

Assay ⁽²⁾	Limit (MTL):
Insect fragments indicating failures of good practices ⁽³⁾	10 in 100g
Rodent hair fragments	1 in 100g
Whole dead insects ⁽⁴⁾	Absent
Foreign matter - Mites	Absent
Foreign matter indicative of risk to human health	Absent
Macroscopic foreign matter	Absent
Other foreign matter (including scorched/carbonized particles)	Absent
Fine sand or insoluble ashes in hydrochloric acid 10%	< 1,5g/100g

⁽¹⁾In compliance with Resolution ANVISA/RDC 623 of 03/09/2022

⁽²⁾Independent subcontractor laboratory

⁽³⁾Not considered indicative of risk

⁽⁴⁾Except for risk indicators and fragments of rodent hair

Considering that the limits for physical contaminants in food (Paragraph 8 above), **we state** that the product in reference, spray dried blackberry powder, does comply with the rules on maximum levels for certain physical contaminants in foodstuffs as set out by Regulation (BR) ANVISA/RDC 623 DE 09/03/2022.

9. KOSHER/HALAL STATUS

Certified Kosher: No.

Certified Kosher for Passover: No

Note: The company can easily apply for Kosher and/or Kosher for Passover certification on customer demand at an extra cost.

The aforementioned ingredient or its components is certified Kosher by: NA

Certified Halal: No.

Note: The company can easily apply for Halal certification on customer demand at an extra cost.

The aforementioned ingredient or its components is certified Halal by: NA

10. NON-GMO STATUS (GENETICALLY MODIFIED ORGANISM)

In compliance with the legislation in force regarding "*Genetically modified raw materials, ingredients and additives for food and feed*", we inform that the spray dried blackberry powder, manufactured by NEWCO INDÚSTRIA DE PRODUTOS FUNCIONAIS LTDA, contains food maltodextrin carrier produced from cornstarch.

And, as current cultivation techniques and grain handling systems intersperse several varieties of corn, it is difficult to separate non-GMO maize from GMO varieties. There are no systems in place for the segregation of the amounts of non-GM corn that are applied in planting this crop; therefore, we cannot certify that the aforementioned product is either definitely produced from non-GMO corn.

However, Newco can produce, on demand, the product GMO-free version with malto dextrin from GMO-free corn or cassava dietary malto dextrin-carrier.

11. GLUTEN STATUS

The aforementioned product is not either originating from gluten containing cereals or not identified containing gluten and complies with the applicable legal requirements of the National Health Surveillance Agency of Brazil (ANVISA). It can be safely used in foodstuffs for people intolerant to gluten.

For the purpose of guaranteeing a gluten-free product, it is considered hereof the following ingredients containing gluten in their composition: - Wheat, rye, barley and malt, oats, spelt, kamut or their hybridized strains and products thereof.

12. STATUS LACTOSE & OTHER MILK DERIVATIVES

The aforementioned product does not originate from animal milk or is not identified as containing any milk derivatives in its composition, herein referred to as lactose, whey, milk fats, and milk proteins.

13. NOVEL FOODS STATUS

Novel Food means any food that was not used for human consumption to a significant degree within the European Union before May 15, 1997, and that falls under one of the categories contained in Regulation (EU) 2015/2283, of November 25, 2015.

Therefore, as object of said regulation, we declare that any product processed by Newco complies with the European Union list of novel foods authorized to be placed on the Union market, as referred to in Regulation (EU) 2017/2470, of December 20, 2017.

14. DYES & AZO DYES CONTENT

The aforementioned ingredient or its components contain $\leq 0,25$ mg/kg of body weight of the dyes amaranth (E-123) and brilliant blue (E-133), substances that are permitted to be used as food additives for use within the European Union and Switzerland. The Normative Instruction IN No. 211 of March 2023, ANVISA-Brazil,

establishes the acceptable daily intake as a safety limit for human being at 0,5 mg/kg of body weight.

Note: The use of dyes from the Sudan group must be considered inappropriate, as dyes are not allowed in food. Sudan I-IV azo dyes can be split into amines after oral ingestion, some of which have been shown to have a carcinogenic and potentially genotoxic effect.

15. IRRADIATION & ETO (ETHYLENE OXIDE STERILIZATION)

The aforementioned ingredient or its components have not been produced and handled with the use of the following treatments:

- (a) Treatment with ionizing radiation
- (b) Exposure to ethylene oxide

16. ORGANIC STATEMENT

The aforementioned product processed at the Newco facility is not and cannot be designated as an organic product. Certified for Organic Labeling: No

17. DIET SUITABILITY

The aforementioned product has the following dietary suitability characteristics:

- (a) Vegetarian: Suitable
- (b) Vegan: Suitable
- (c) Ovo-vegetarian: Suitable
- (d) Lacto-Vegetarian: Suitable
- (e) Lacto-Ovo-Vegetarian: Suitable

18. BOVINE SPONGIFORM ENCEPHALOPATHIES (BSE) /TRANSMISSIBLE SPONGIFORM ENCEPHALOPATHIES (TSE)

- (a) The above-mentioned product does not contain ingredients of animal origin.
- (b) If processing aids are contained in this product, the processing aids are not derived from animal origins.
- (c) Prior to the manufacture of the product, no ingredients of animal origin are present in equipment.

19. MOSH / MOAH STATUS

MOSH (Mineral Oil Saturated Hydrocarbons) and MOAH (Mineral Oil Aromatic Hydrocarbons) is the umbrella term describing mineral oil hydrocarbons that can migrate from packaging materials into foodstuffs during transportation and production.

The maximum acceptable levels of MOAH in different types of food are outlined in the EU PAFF standing committee's summary report ⁽¹⁾. The limits ⁽²⁾ vary depending on the fat content of the food:

- 0,5 mg/kg for dry foods with a low fat/oil content (\leq 4% fat/oil)
- 1,0 mg/kg for foods with a higher fat/oil content ($>$ 4% fat/oil, \leq 50% fat/oil)
- 2,0 mg/kg for fats and oils ($>$ 50% fat/oil)

The Mineral Oil Specific Migration Limit Test Report (MO-SML) n° BR1902445 Rev. carried out by SGS Brasil for the polyethylene bag used by Newco Functional Products *states* that the referred primary packaging material, i.e., polyethylene bag, used by Newco Functional Products in its bulk shipping cartons complies with Resolution No. 56 of 2012 Anvisa/Brazil and confirms that both MOSH and MOAH were not detected in the polyethylene bag.

Specific migration test report is available upon request.

References:

(1) [SC PAFF summary report, 19th of October 2022](#). The document confirms the limits set out in the April report and clarifies the fat content for products for which the different limits apply.

(2) <https://www.foodpackagingforum.org/news/ec-sets-limit-on-moah-in-foods>

20. FRUCTOSE AND YEAST PRESENCE

We hereby state that there is not any evidence of the presence of yeast in the product, spray dried blackberry powder, capable to produce the enzyme zymase which, through an alcoholic fermentation, can break down the monosaccharide fructose into acetic acid, lactic acid, mannitol and carbon dioxide, and, at the same time, hundreds of secondary metabolites that can influence the aroma and taste of the referred product.

We also state that many spontaneously fermented foods serve as a rich reservoir of potentially valuable strains. Therefore, it should also be mentioned here that the aforementioned product contains fructose in its natural state, i.e., from "blackberry" fruit itself, and that spontaneously fermented foods, when consumed, will not bring any problems related to safety and risks of health, but will bring numerous benefits to gastrointestinal and general health.

21. ANIMAL-FREE TESTING DECLARATION

Considering that laboratory animals have sensibility, memory and experience inescapable pain and should not be submitted to such sacrifice, we state that *none* of the raw materials, ingredients and additives used in the aforementioned product have been tested in animals prior their approval and availability in the market.

On the other hand, we inform that our company vehemently disapproves cruelty to animals, as we do believe that unethical research on animals cannot be considered serious research. We trust that research should be carried out and handicapped with a sense of ethics, well-being and regulations regarding the use of animals.

22. WADA LIST STATUS*

Status: Information >>>	Direct Incorporation		Additional information	
	Does the item contain any of the following substances or their derivatives in the composition? If yes, specify		Present at the factory and in stock. Controlled within the substance segregation and management rules, in the stock and dedicated production areas.	
Substance**	Yes	No	Yes	No
S1 - ANABOLIC AGENTS				
Anabolic androgenic steroids (AAS)		x		x
Other anabolic agents		x		x
S2 - PEPTIDE HORMONES, GROWTH FACTORS, RELATED SUBSTANCES, AND MIMETICS				
Erythropoietin (EPO) and agents affecting erythropoiesis		x		x
Peptide hormones and their releasing factors		x		x
Growth factors and growth factor modulators		x		x
S3 - BETA-2 AGONISTS				
All selective and non-selective beta-2 agonists, including all optical isomers		x		x
S4 - HORMONE AND METABOLIC MODULATORS				
Aromatase inhibitors		x		x

Anti-estrogenic substances [anti-estrogens and selective estrogen receptor modulators (SERMS)]		x		x
Agents preventing activin receptor IIB activation		x		x
Metabolic modulators		x		x
S5 - DIURETICS AND MASKING AGENTS				
Desmopressin; probenecid; plasma expanders, e.g., intravenous administration of albumin, dextran, hydroxyethyl starch and mannitol.		x		x
Acetazolamide; amiloride; bumetanide; canrenone; chlortalidone; etacrynic acid; furosemide; indapamide; metolazone; spironolactone; thiazides, e.g., bendroflumethiazide, chlorothiazide and hydrochlorothiazide; torasemide; triamterene and vaptans, e.g., tolvaptan.		x		x
Other substances with a similar chemical structure or similar biological effect(s)		x		x
M1 - MANIPULATION OF BLOOD AND BLOOD COMPONENTS				
The Administration or reintroduction of any quantity of autologous, allogenic (homologous) or heterologous blood, or red blood cell products of any origin into the circulatory system		NA		NA
Artificially enhancing the uptake, transport or delivery of oxygen.		NA		NA
Any form of intravascular manipulation of the blood or blood components by physical or chemical means		NA		NA
M2 - CHEMICAL AND PHYSICAL MANIPULATION				
Tampering, or Attempting to Tamper, to alter the integrity and validity of Samples collected during Doping Control, including, but not limited to: Sample substitution and/or adulteration, e.g., addition of proteases to Sample.		NA		NA
Intravenous infusions and/or injections of more than a total of 100 mL per 12-hour period except for those legitimately received in the course of hospital treatments, surgical procedures or clinical diagnostic investigations		NA		NA
M3. GENE AND CELL DOPING				
The use of nucleic acids or nucleic acid analogues that may alter genome sequences and/or alter gene expression by any mechanism. This includes but is not limited to gene editing, gene silencing and gene transfer technologies.		NA		NA
The use of normal or genetically modified cells.		NA		NA
S6 - STIMULANTS				
Non-specified stimulants, but not limited to: Substances of abuse - Cocaine and methylenedioxymethamphetamine (MDMA / "ecstasy")		x		x
Specified stimulants		x		x
S7 - NARCOTICS				
Buprenorphine, dextromoramide, diamorphine (heroin), fentanyl and its Derivatives, hydromorphone, methadone, morphine, nicomorphine, oxycodone, oxymorphone, pentazocine, pethidine		x		x
S8 - CANNABINOIDS				

All natural and synthetic cannabinoids: In cannabis (hashish, marijuana) and cannabis products, natural and synthetic tetrahydrocannabinols (THCs), synthetic cannabinoids that mimic the effects of THC		x		x
S9 - GLUCOCORTICOIDS				
All glucocorticoids, but not limited to: Beclometasone, betamethasone, budesonide, ciclesonide, cortisone, deflazacort, dexamethasone, flucortolone, flunisolide, fluticasone, hydrocortisone, methylprednisolone, mometasone, prednisolone, prednisone, triamcinolone acetonide		x		x
P1 - BETA-BLOCKERS				
Beta-blockers, but not limited to: Acebutolol, alprenolol, atenolol, betaxolol, bisoprolol, bunolol, carteolol, carvedilol, celiprolol, esmolol, labetalol, metipranolol, metoprolol, nadolol, nebivolol, oxprenolol, pindolol, propranolol, sotalol, timolol		x		x
<p>*WADA: World Anti-Doping Code</p> <p>**As per Article 4.2.2 of the World Anti-Doping Code, "for purposes of the application of Article 10, all Prohibited Substances shall be Specified Substances except as identified on the Prohibited List. No Prohibited Method shall be a Specified Method unless it is specifically identified as a Specified Method on the Prohibited List". As per the comment to the article, "the Specified Substances and Methods identified in Article 4.2.2 should not in any way be considered less important or less dangerous than other doping substances or methods. Rather, they are simply substances and methods which are more likely to have been consumed or used by an athlete for a purpose other than the enhancement of sport performance".</p> <p>References:</p> <ol style="list-style-type: none"> 1. World Anti-Doping Code, International Standard - Prohibited List 2023 2. World Anti-Doping Agency, 800 Place Victoria (Suite 1700) PO Box 120, Montreal, Quebec Canada H4Z 1B7 3. www.wada-ama.org 				

23. CURRENT GOOD MANUFACTURING PRACTICES (GMP)

The process used for the production of this product is carried out based on Newco's procedures, quality guidelines, HACCP programs and Good Manufacturing Practices (GMP).

This operation complies with the GMP program of the ANVISA/National Health Surveillance Agency of Brazil detailed in RDC 75, de 21/10/2002, FDA/USA GMP detailed in 21 CFR110 for Food Manufactures, and those referenced in the European Commission Regulation (EC) No. 852/2004 on hygiene of foodstuff.

24. PEST CONTROL

Newco employs outside contractors to provide routine pest control service.

25. EMERGENCY/RECALL PROCEDURES

Newco assures it has a written Recall Procedure. In the event of an actual recall, Newco will notify all customers who have receive affected product. Mock Recalls are conducted at least annually.

26. SUMMARY OF REVISIONS

Start of document	Version	Description of alterations
July 11, 2018	1	Initial issue
October 6, 2021	2	Update of the document to the Quality and Food Safety Management System - SGSA
November 23, 2022	3	Inclusion of items 5 and 6, U.S. Bioterrorism Act and Contaminants in Foodstuffs, respectively

June 9, 2023	4	<p>Inclusion of item 11, Dyes & Azo Dyes Content Status</p> <p>Inclusion of Resolution RDC 429 ANVISA/Brazil, of 10/08/2020 - New Nutritional Labeling of Packaged Foods, October 9, 2020, which defines and changes the daily reference values (VDR) for nutritional labeling of foods in and includes malto dextrin as added sugar. Calculation of nutritional information based on Art. 32, paragraphs II and III of RDC 429</p>
February 8, 2024	5	<p>Inclusion of Nano Materials, Fructose and Yeast Presence, Novel Foods, Mosh & Moah, Wada List, and Animal-Free Testing Status as per customer request.</p>
February 8, 2024	6	<p>Inclusion of product code and range from fruit to pulp to powder as per customer request.</p>

We approve this document and sign the commitment to implement, monitor, record, evaluate and update it, whenever necessary.