

# TEMPORARY

## PRODUCT SPECIFICATION

Version 3.0  
Page 1 of 3  
Valid from 16.02.2023

### ART # 10000 FD-SMOOTHIE MIX

#### PRODUCT DESCRIPTION

Paradiesfrucht FD-Smoothie Mix Berry V.2 is made from natural products. The freeze-drying gives them the special texture. The product contains no preservatives or genetically modified ingredients. The product is metal detected (Fe: 0,8 mm, Non-Fe: 1,2 mm, Stainless: 1,6 mm, Al.: 1,0mm) and is manual or laser sorted to avoid foreign bodies.

#### INSTRUCTION FOR PREPARATION

We recommend the usage of a shaker for preparation. Add 24 g Smoothie Mix to 180 ml water. Shake well until the powder is completely dissolved. The amount of water can be varied to obtain a more or less intense taste.

#### INGREDIENTS

KA113000500100	SP Banana V.1, 0-1mm	32,00% (+/- 5%)
<i>Origin: Costa Rica, Ecuador, Guatemala</i>		
K11110 00500100	FD-Pineapple powder 0-1mm	20,00 % (+/- 5%)
<i>Origin: Vietnam, Costa Rica, Ecuador, Philippines, China, South-Africa, Thailand</i>		
K1009000500100	FD-Cultivated Blueberry powder 0-1mm	16,00 % (+/- 3%)
<i>Origin: USA, Netherlands, Germany, Chile, Peru, Morocco, Poland, Argentina, Spain, South-Africa</i>		
K1002000500100	FD-Raspberry powder 0-1mm	16,00% (+/-3%)
<i>Origin: Poland, Serbia, Chile, China, Bosnia Herzegovina, Ukraine, Macedonia, Spain</i>		
K1007000500100	FD-Wild Blackberry powder 0-1mm	16,00% (+/-3%)
<i>Origin: Bulgaria, Poland, Chile, Hungary, Ukraine, Serbia, Albania</i>		

-additional origins are possible-

**Please note this is a development specification only. There may be differences between trial samples compared to full scale production on our manufacturing lines.**

#### SENSORY

<b>Color</b>	typical for the ingredients
<b>Aroma</b>	typical for the ingredients, free from off-flavors
<b>Taste</b>	typical for the ingredients, free from foreign taste
<b>Texture</b>	free-flowing powder <b>Clumping can occur within products that have been milled into a powder if not stored as per the recommended storage conditions which are detailed within our specification.</b>

#### FOREIGN MATERIALS

<b>Foreign materials</b>	None (Target) Limits below
<b>Glass</b>	Absent
<b>Metal</b>	Absent > Fe: 0,8 mm; Non-Fe: 1,2 mm; Stainless: 1,6 mm, Al.: 1,0mm
<b>Plastic</b>	Absent
<b>Extraneous plant material</b>	Max. 10 pieces per 10 kg

This spec. is issued automatically and valid without signature.

\*Essentially based on nutritional analysis from external accredited laboratory (wild blackberry, cultivated blueberry) and Souci SW, Fachmann W, Kraut H. Food Composition and Nutrition Tables (raspberry, pineapple, banana)

# TEMPORARY

## PRODUCT SPECIFICATION

Version 3.0  
Page 2 of 3  
Valid from 16.02.2023

### ART # 10000 FD-SMOOTHIE

#### MICROBIOLOGICAL VALUES

Total plate count	<100.000/g	Coliformes	<500/g
Yeasts	<10.000/g	E.coli	<10/g
Moulds	<10.000/g	Salmonella	neg./25 g
		Enterobacteriaceae	<100/g

**These are new developments. The microbiological values are therefore adjusted after the first three productions.**

#### PHYSICAL VALUES

Parameter	Limit	Method
Moisture	<5%	Sartorius MA 35, 64°C
Size >1 mm	Max. 10%	Retsch Sieve tower, 1 Min, Amplitude 1

#### ANALYTICAL VALUES (Per 100 g) \*

Nutritional values	1402 kJ / 333 kcal
Available carbohydrate	64,1 g
Thereof sugar	56,6 g
Protein	4,5 g
Total fat	1,4 g
Saturated fat	0,2 g
Total dietary fiber	16,9 g
Sodium	0,01 g
Salt	0,02 g

**The actual caloric value and nutritional content may deviate from the declared values due to natural and production-related or processing-related fluctuations (acc. to Regulation (EU) 1169/2011 Art. 31).**

#### SHELF-LIFE/STORAGE

360 days at cool and dry storage conditions (max. 20°C, max. 65% relative humidity) in original sealed packaging.

This spec. is issued automatically and valid without signature.

\*Essentially based on nutritional analysis from external accredited laboratory (wild blackberry, cultivated blueberry) and Souci SW, Fachmann W, Kraut H. Food Composition and Nutrition Tables (raspberry, pineapple, banana)

# TEMPORARY

## PRODUCT SPECIFICATION

Version 3.0  
Page 3 of 3  
Valid from 16.02.2023

### ART # 10000 FD-SMOOTHIE

#### GMO-DECLARATION

Fruit mix is neither wholly nor partly manufactured from genetically modified organisms.  
Fruit mix does not contain any ingredients, including foodstuff, additives, primary products, raw material, processing aids or any other substances which are wholly or partly manufactured from genetically modified organisms.  
No primary products / basic material / raw material used for any of the ingredients in the fruit mix are wholly or partly manufactured from genetically modified organisms.  
Fruit mix or any of its ingredients does not contain DNA or protein from genetic modification.  
Fruit mix or any of its ingredients is according to Regulation (EC) No 1829/2003 of the European Parliament and of the Council of 22.09.2003 on genetically modified food and feed and to Regulation (EC) No 1831/2003 of the European Parliament and of the Council of 22 September 2003 concerning the traceability and labelling of genetically modified organisms and the traceability of food and feed products produced from genetically modified organisms and amending Directive 2001/18/EC and has therefore not to be labelled GMO.

#### ALLERGEN-DECLARATION

Fruit mix does not contain allergens or ingredients with allergen potential according EU regulation 2011/1169 and ALBA List. Possible cross-contamination: lactose and milk protein..

#### LEGAL STATUS

The product and the packaging comply with the currently applicable food law regulations of European Union and to the German Food Law. We recommend that our customers check the provided labelling information for compliance with local legislation in order to ensure proper labelling of the product.

#### FOREIGN MATERIALS

The products processed by Paradiesfrucht do not contain foreign materials, which can be removed by means of process of technology. Our processing lines are equipped with magnets, metal detectors (see detection limits), partial sieves and manual sorting. Despite careful sorting, the 100% absence of natural or harvesting foreign bodies, cannot always be guaranteed. Our raw material suppliers are all subject to a strict HACCP concept to keep foreign bodies to a minimum.

#### IRRADIATION

The product has not been subjected to ionising radiation.

This spec. is issued automatically and valid without signature.

\*Essentially based on nutritional analysis from external accredited laboratory (wild blackberry, cultivated blueberry) and Souci SW, Fachmann W, Kraut H. Food Composition and Nutrition Tables (raspberry, pineapple, banana)