

PRODUCT SPECIFICATION

Version 2.0
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Valid from 05.01.2023

Smoothie DAILY ENERGY

PRODUCT DESCRIPTION

DAILY ENERGY Smoothie Pulver 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.

FRESH FRUIT EQUIVALENT

Ingredients	Fresh Ingredients / 1 kg FD-product
Apple	3,6 – 4,1 kg
Banana	0,4 – 0,7 kg
Strawberry	0,8 – 1,3 kg
Carrot	0,3 – 0,6 kg
Beet root	0,09 – 0,2 kg
Passion fruit	0,09 – 0,2 kg
Orange	0,5 – 0,8 kg
Pineapple	0,4 – 0,7 kg

INSTRUCTION FOR PREPARATION

We recommend the usage of a shaker for preparation. Add 24 g Smoothee 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

KA040000500100 (apple puree concentrate)	SP Apple V.9 0-1 mm	50,00 % (+/- 5 %)
KA113000500100 (banana puree)	SP Banana V.1 0-1 mm	12,00 % (+/- 5 %)
K1001010500100	FD-Strawberry powder 0-1 mm	10,00 % (+/- 5 %)
K1111000500100	FD-Pineapple powder 0-1 mm	9,00 % (+/- 3 %)
KA212000500100 (Organic apple puree concentrate, organic carrot juice concentrate)	SP organic Carrot V.11 0-1 mm	8,00 % (+/- 3 %)
K9119070500100 (Apple puree concentrate, passion fruit juice concentrate)	P.Cr. Passionfruit V.13 0-1 mm	5,00 % (+/- 3 %)
KA096020500100 (Orange juice concentrate, orange cells)	SP Orange 0-1 mm	4,00 % (+/- 2 %)
K1247000500100	FD beet root powder 0-1 mm	2,00 % (+/- 1 %)

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

Color	typical for the ingredients
Aroma	typical for the ingredients, free from off-flavors
Taste	typical for the ingredients, free from foreign taste
Texture	free-flowing powder 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.

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FOREIGN MATERIALS

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

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 AND ANALYTICAL VALUES (per 100g) *

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

Nutritional values	1506 kJ / 354 kcal
Available carbohydrate	70,4 g
Thereof sugar	62,3 g
Protein	3,6 g
Total fat	2,8 g
Saturated fat	0,9 g
Total dietary fiber	11,0 g
Sodium	38,0 mg
Salt	0,1 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). The amount of fines and agglomerates is determined after the first three productions.

SHELF-LIFE/STORAGE

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

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GMO-DECLARATION

Smoothie Mix is neither wholly nor partly manufactured from genetically modified organisms.

Smoothie 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.

Smoothie Mix or any of its ingredients does not contain DNA or protein from genetic modification.

Smoothie 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

Smoothie mix does not contain allergens or ingredients with allergen potential according EU regulation 2011/1169 but ALBA List (carrot). -

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.