

Product Specification

Organic Cacao, nibs raw (TI0426)

Product description:

| | |
|-----------------------|---|
| Product name | Organic Cacao, nibs raw |
| Botanical name | - |
| Variety | - |
| Country of origin | Peru |
| Country of processing | Peru |
| Process description | Fermented cacao beans are cleaned, dried, shelled and packed. |

Mix Composition:

| Product | Art. number | % (w/w) | Origin (s) |
|---------|-------------|---------|------------|
| | | | |
| | | | |

Ingredient declaration:

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|-------------|
| Cacao beans |
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Ingredients composition:

| Ingredient | Function | % (w/w) | Origin (s) |
|---------------------|------------|---------|------------|
| Organic Cacao beans | Ingredient | 100 | Peru |
| | | | |
| | | | |

Organoleptic parameters:

| | |
|-----------------------|---------------------------------|
| Consistency / Texture | Nibs |
| Colour | Characteristic brown (uniform) |
| Flavour / Odour | Typical for cacao, no off taste |

Physical parameters:

| | | |
|---|--|--------------------|
| Count : | Pieces / 454 g / 28,3 g / 100 g | N/A |
| Size | Length | ≤ 8 mm |
| Mesh size (sieving) | Particles > 10,0 mm | - % (w/w) |
| | Particles > 5,0 mm | - % (w/w) |
| | Particles < 5,0 mm | - % (w/w) |
| Foreign materials (not product related) | Glass, stones, metals, sharps ≤ 2,0 mm | Target absent |
| | Glass, stones, metals, sharps ≥ 2,0 mm | Absent |
| | Other foreign materials < 7,0 mm | ≤ 0,1 % (w/w) |
| | Other foreign materials ≥ 7,0 mm | Absent |
| Impurities (product related) | Plant (rest) material (shell i.e) | ≤ 1,5 % (w/w) |
| | Cap stems (> 3,0 mm) | N/A |
| | 4,0 mm < stalks < 10,0 mm | N/A Pieces / 100 g |
| | Stalks > 10,0 mm | N/A Pieces / |
| Specific quality requirements | Others | N/A Pieces / |
| | Broken / splits | N/A % (w/w) |
| | Kernels / berry defects | N/A % (w/w) |
| | Mouldy kernels / berries | N/A Per 100 g |

| | | | |
|-------------------|----------------------------------|-----|-----------|
| | Underdeveloped kernels / berries | N/A | Per 100 g |
| | Sugared berries | N/A | |
| | Colour deviation | - | % (w/w) |
| | Out of caliber (specify) | N/A | % (w/w) |
| Alive infestation | | Nil | |

No information available = - / Not applicable = N/A

Chemical parameters:

| | | | |
|---------------------------------|-----------------------------|-----------------|---------------|
| Moisture | ≤ 5 | % | ISO 665 / 712 |
| Preservative : SO ₂ | N/A | ppm (mg/kg) | NEN-EN 1988-1 |
| Preservative: Potassium Sorbate | N/A | ppm (mg/kg) | |
| Aflatoxin B1 | N/A | ppb (µg/kg) | ISO 16050 |
| Aflatoxin B1, B2, G1, G2 | N/A | ppb (µg/kg) | ISO 16050 |
| Ochratoxin A | ≤ 10 | ppb (µg/kg) | |
| Peroxide number | - | meq / kg fat | |
| Patulin | N/A | ppb (µg/kg) | |
| Aw value | - | | |
| PAH: Benzo(a)pyrene | ≤ 5 | ppb (µg/kg fat) | |
| Total PAHs (4) | ≤ 30 | ppb (µg/kg fat) | |
| pH value | - | | ISO 2917 |
| Sugar content | - | °Brix | |
| Free Fatty Acids | - | % | |
| Heavy metals | According to EU legislation | | |

Microbiological parameters:

| | | | |
|--------------------|----------|---------|------------------|
| Total plate count | ≤ 50.000 | cfu/g | ISO 4833 |
| Yeast | ≤ 1.000 | cfu/g | ISO 21527-1 or 2 |
| Mould | ≤ 1.000 | cfu/g | ISO 21527-1 or 2 |
| Coliforms | - | cfu/g | ISO 4832 |
| E. coli | ≤ 10 | cfu/g | ISO 16649-1 or 2 |
| Salmonella spp. | Absent | 25 gram | ISO 6579-1 |
| Enterobacteriaceae | - | cfu/g | ISO 21528-2 |

No information available = - / Not applicable = N/A

Nutritional parameters:

Per 100 gram based on literature (may vary with the season)

| | | |
|------------------|-------|------|
| Energy | 2.294 | kJ |
| | 548 | kcal |
| Fat | 47,2 | g |
| Saturated | 27,7 | g |
| Mono-unsaturated | - | g |
| Poly-unsaturated | - | g |
| Carbohydrate | 2,5 | g |
| Sugars | 0,7 | g |
| Polyols | - | g |
| Starch | - | g |
| Fibre | 30,1 | g |
| Protein | 13,4 | g |

| | | |
|------|------|---|
| Salt | 0,04 | g |
| Ash | - | g |

Product claims:

| | | |
|--------------------------|-----|-------------------------------------|
| GMO free* | Yes | |
| Radiated | No | (level (Bq): - |
| Organic | Yes | (in accordance with EU legislation) |
| Kosher | No | (depends per supplier) |
| Suitable for vegetarians | Yes | |
| Suitable for vegans | Yes | |
| Halal | No | (depends per supplier) |

* Labelling / traceability requirements (according to EC 1829/2003 and 1830/2003) does not apply

* Product is manufactured without genetic modification directly or indirectly.

Storage conditions:

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|-------------------------------|-------------------------------------|
| Optimum storage conditions | Temp : 5 - 15°C R.H. : 55 - 65 % |
| Shelf life (after production) | 24 months |

Packaging:

| | |
|---------------------------|--|
| Direct contact material | Type: Bag Material: Polyethylene Weight: |
| Indirect contact material | Type: Box Material: Cardboard Weight: |
| Weight per colli (net.) | 15 kg |

Intended use:

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| Ready to eat |
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Allergen information

**Allegens:-When purchased in bulk size original packaging, manufacturer allergen policy will apply.
When purchased in quantities that need re-packaging, our allergen policieis will apply.**

| Component | Manufacturer | | | Nuts in Bulk (Applies when bought in small quantities that need re-packaging) | | |
|--|--------------|-----------------------------|-----------------|--|-----------------------------|-----------------|
| | In Product | Processed in Same Equipment | Handled on Site | In Product | Processed in Same Equipment | Handled on Site |
| Cereals containing GLUTEN and products thereof | NO | NO | NO | NO | NO | YES |
| EGGS or its derivatives | NO | NO | NO | NO | NO | NO |
| FISH or its derivatives | NO | NO | NO | NO | NO | NO |
| CRUSTACEANS / SHELLFISH | NO | NO | NO | NO | NO | NO |
| MOLLUSCS | NO | NO | NO | NO | NO | NO |
| PEANUTS or derivatives | NO | NO | NO | NO | NO | YES |
| SOYA BEANS or derivatives | NO | NO | NO | NO | NO | YES |
| MILK (LACTOSE) or its derivatives | NO | NO | NO | NO | NO | YES |
| NUTS , tree nuts: | NO | NO | NO | NO | NO | YES |
| CELERY, including celeriac and its derivatives | NO | NO | NO | NO | NO | YES |
| MUSTARD, referring to all parts of the plant and derivatives thereof | NO | NO | NO | NO | NO | YES |
| SESAME SEEDS or derivatives | NO | NO | NO | NO | NO | YES |
| SULPHITES >10ppm – Sulphite quantity to be given in ppm | NO | NO | NO | NO | NO | YES |
| LUPIN seeds or derivatives | NO | NO | NO | NO | NO | NO |

All information in this product specification is accurate according to our best knowledge and in compliance with actual legislation.