

## Technical Data Sheet

Version: 3.7 (Updated May 31, 2021)

**Product Specification:** Organic Cacao Nibs

**Code:** ORB027-A25

**Plant Part Used:** Bean

**Botanical Name:** Theobroma Cacao

**Ingredient:** 100% Cacao Bean

**Shelf Life:** 24 Months

**Origin:** Peru - **HS:** 1801.00.00.00

**Application:** Ready to eat for human consumption

**Pesticide Residues:** None

**Solvent:** None

### Certifications:

Organic (NOP, EU, COR) - *Certified by: Kiwa BCS Oko Garantie GmbH*

Kosher *Certified by: Kiwa BCS Oko Garantie GmbH*

**Description:** Product obtained from roasting cacao beans, removing the outer shell, and breaking the beans up into small pieces

### Organoleptic Characteristics

**Appearance:** Broken up cacao beans with exterior shell removed

**Color/ Flavor/ Odor/ Taste:** Characteristic of cacao

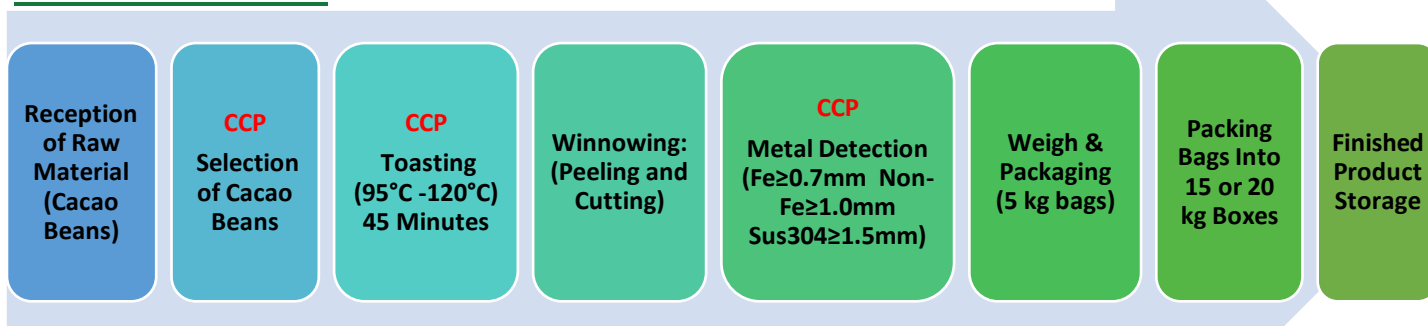


### Physical Characteristics

**Moisture:** < 6.5%

**Foreign Materials:** <1% (measured in 5mm sieve)

### Production Process:



Nutrition Facts	
1 servings per container	
<b>Serving size</b>	<b>1 Serving (100g)</b>
<b>Amount Per Serving</b>	
<b>Calories</b>	<b>560</b>
% Daily Value*	
<b>Total Fat</b> 34g	<b>44%</b>
Saturated Fat 21.9g	<b>110%</b>
Trans Fat 0g	
<b>Cholesterol</b> 0mg	<b>0%</b>
<b>Sodium</b> 0mg	<b>0%</b>
<b>Total Carbohydrate</b> 49g	<b>18%</b>
Dietary Fiber 39g	<b>139%</b>
Total Sugars 0g	
Includes 0g Added Sugars	<b>0%</b>
<b>Protein</b> 12g	<b>24%</b>
Vitamin D 0mcg	0%
Calcium 981mg	80%
Iron 3.03mg	15%
Potassium 8120mg	170%

\*The % Daily Value (DV) tells you how much a nutrient in a serving of food contributes to a daily diet. 2,000 calories a day is used for general nutrition advice.

**Microbiological Characteristics**

<b><u>TEST</u></b>	<b><u>LIMIT</u></b>	<b><u>METHOD</u></b>
Total Plate Count	<10 <sup>4</sup> CFU/g	ICMSF
Yeast & Mold	<10 <sup>3</sup> CFU/g	ICMSF
E. coli	Absent	ISO 16649-3 (A-P/1 g)
Salmonella	Absent	ICMSF (A-P/25 g)

**Heavy Metal Characteristics**

<b><u>TEST</u></b>	<b><u>LIMIT</u></b>	<b><u>METHOD</u></b>
Arsenic	< 0.20 ppm	NOM-117-SSA1
Cadmium	< 0.8 ppm	NOM-117-SSA1
Lead	< 0.5 ppm	NOM-117-SSA1
Mercury	< 0.01 ppm	NCh 2667



**Packaging Options**

<b>Packaging Option</b>	<b>Primary Packaging Type (cm)</b>	<b>KG Per Bag</b>	<b># Of Bags Per Box</b>	<b>Total KG Per Box</b>	<b>Secondary Packaging</b>	<b>Box Dimensions L x W x H (cm)</b>	<b># of Boxes Per Pallet</b>	<b>Pallet Dimensions L x W x H (m)</b>	<b>Pallet Weight (KG)</b>
#1	Nylon + Polyethylene Transparent Color (44 x 24 x 12)	5	3	15	Kraft, Corrugated, 100% Recycle Box	39 x 50 x 19.5	56	1 x 1.2 x 1.95	840
#2		5	4	20		28.5 x 49 x 31	48	1 x 1.2 x 1.98	960

**Product Claims**

Organic, Kosher, Halal, Allergen Free, Dairy Free, Soy Free, Nut Free, Gluten Free, Wheat Free, GMO Free, Suitable for Vegans, Suitable for Vegetarians.

**Storage & Transportation**

Store in a cool and dry place and without strong odours away from heat and direct exposure to sunlight. Recommended storage temperature 18-25°C and relative humidity between 50-65%. Pallets are heat treated ISPM15 stamped (1 x 1.2 x 1.98 m)

**Labelling**

Labels include product name, presentation, gross weight, net weight, product code, lot number, expiration date, and Country of origin. *Customer provided labels available for printing (on request).* We offer private labelling services to our clients to commercialize our products under a requested brand name in both bulk and retail formats in a variety of packaging options. For more information about this service please **[contact us.](#)**