

Technical Data Sheet

Version: 3.7 (Updated May 31, 2021)

Product Specification: Organic Cacao Nibs

Code: ORB027

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

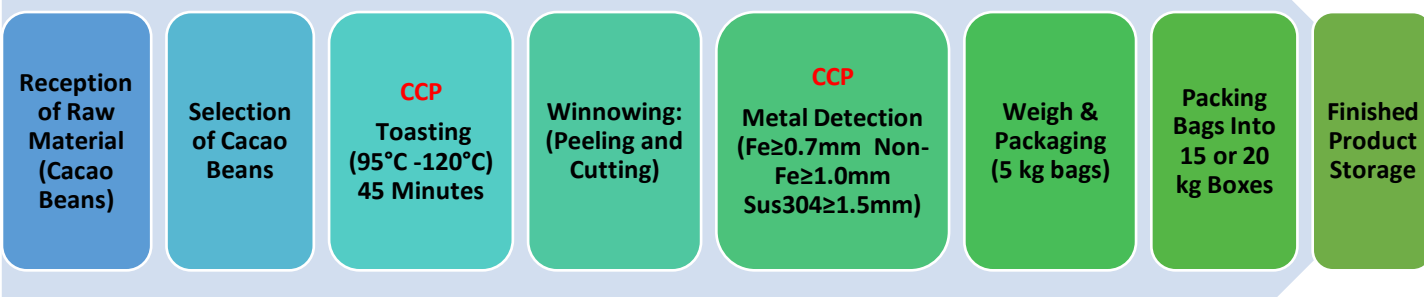
Color/ Flavor/ Odor/ Taste: Characteristic of cacao

Physical Characteristics

Moisture: < 6.5%

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

Production Process:



Nutrition Facts

1 servings per container	
Serving size	1 Serving (100g)
Amount Per Serving	
Calories	560
% Daily Value*	
Total Fat 34g	44%
Saturated Fat 21.9g	110%
Trans Fat 0g	
Cholesterol 0mg	0%
Sodium 0mg	0%
Total Carbohydrate 49g	18%
Dietary Fiber 39g	139%
Total Sugars 0g	
Includes 0g Added Sugars	0%
Protein 12g	24%
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

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

Heavy Metal Characteristics

<u>TEST</u>	<u>LIMIT</u>	<u>METHOD</u>
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

Packaging Option	Primary Packaging Type (cm)	KG Per Box	# Of Bags Per Box	Total KG Per Box	Secondary Packaging	Box Dimensions L x W x H (cm)	# of Boxes Per Pallet	Pallet Dimensions L x W x H (m)	Pallet Weight (KG)
#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*.