

## Technical Data Sheet

|            |                               |
|------------|-------------------------------|
| VERSION    | 1.7                           |
| ISSUE DATE | October 15 <sup>th</sup> 2017 |

|                   |  |
|-------------------|--|
| CODE              | ORB011   |
| <b>PRODUCT</b>    | <b>ORGANIC CACAO BUTTER</b>                        |
| PLANT PART USED   | Bean   |
| VEGAN             | Yes  |
| CERTIFIED ORGANIC | Yes  |
| VARIETY           | Criollo  |
| REGION            | San Martin, Peru                                   |
| PACKING           | 5 Polyethylene Bags x 5 Kg – 25 Kg in a carton box |



### Physical Characteristics

|            | SPECIFICATIONS             | REFERENTIAL METHOD |
|------------|----------------------------|--------------------|
| Appearance | Compact Homogeneous Grease | Visual             |
| Color      | Light Yellow               | Visual             |
| Odor       | Characteristic to cacao    | Organoleptic       |
| Taste      | Characteristic to cacao    | Organoleptic       |

*\*Physical analysis are performed in each batch*

### Physicochemical Characteristics

| Test                  | SPECIFICATIONS             |
|-----------------------|----------------------------|
| Humidity              | < 1 %                      |
| Acidity (% Ac Oelico) | < 1.75 %                   |
| Peroxide Index        | < 3 Meq O <sub>2</sub> /Kg |

|                      |                                |
|----------------------|--------------------------------|
| Iodine Index         | 33 - 44 Meq I <sub>2</sub> /kg |
| Saponification Index | 188 – 198 Mg KOH/g             |

### Microbiological Characteristics

| Test                     | SPECIFICATIONS |
|--------------------------|----------------|
| Aerobic Mesophiles Count | < 5000 UFC/G   |
| Fusion Point             | 31 – 35 °C     |
| Aerobic Mesophilic Count | < 3 NMP /g     |
| Mold Count               | < 10 ufc/g     |
| Yeast Count              | < 10 ufc/g     |
| Escherichia coli         | < 3 ufc/g      |
| Salmonella sp.           | Absent         |

*\* Microbiological analysis is performed for each lot.*

### Heavy Metals

|                | SPECIFICATIONS             |
|----------------|----------------------------|
| Pesticides     | According to EU Regulation |
| Heavy Metals   | According to EU Regulation |
| Strange Bodies | According to EU Regulation |

*\* Heavy Metal analysis are performed once a year at minimum.*

*\* This analysis has an additional cost, if required for each lot.*

### Pesticides Residues

|                  | SPECIFICATIONS             | REFERENTIAL METHOD  |
|------------------|----------------------------|---|
| Pesticides Total | According to EU Regulation | Determination of multiresidues of pesticides for LC-MS/MS in fruits, vegetables, liquids, soils, substrata, and food, include you those with high place contained in fats.<br><br>Determination of multiresidues of pesticides for GC-MS in fruits, vegetables, liquids, soils, substrata, and food, include you those with high place contained in fats. |

*\* Pesticides analysis are performed once a year at minimum.*

*\* This analysis has an additional cost, if required for each lot.*

## **Packing Characteristics**

*Primary Packaging:* Double Layered 5 Polyethylene Bags x 5 Kg – 25 Kg in a carton box

*Secondary Packaging:* Carton Box – 25 kg (45 cm x 34 cm x 24 cm)



## **Pallet Sizes**

36 or 42 boxes (maximum) per pallet.



## Labelling

Labels include the organic certification symbols, unit weight, case weight, product name, product code, lot number, and Country of origin. Customer skew #, and expiration date available upon request.



## Shelf Life

24 months, if the package is stored and sealed at ambient temperature.

## Storage

Store in a cool and dry place and without strong odours.

Store away from heat and direct exposure to sunlight.

Temperature 18-25°C and relative humidity between 50-65%

## GMO Declaration

Product does not contain genetically modified material.

## Declaration on the content of allergens

The product is free of allergens (In raw material, finished product, machinery of diverse areas)

## Vegan Declaration

The product is 100% vegan.

## **Contact Information**

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