FAMILY

Cacao Butter Organic - Product Specification Sheet

| Product: | Organic Cacao Butter | Organic: | Yes |
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| Product Code: | OCB 25 kg | Kosher: | Yes |
| Country of Origin: | Dominican Republic | Halal: | Gluten Free |


| Botanical Name: | Theobroma cacao, Malvaceae family Linnaeus |
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| Description: | Sub-product of Cacao. Cacao Butter is the fat of the cacao bean, extracted by hydraulic cold <br> pressure from the cacao mass. It is a Pure Prime Pressure (PPP). |
| Packaging: | Product is packaged in food grade PE liners within corrugated boxes weight of 55 Ibs. |
| Storage Conditions: | Product should be stored in a clean, dry, ventilated area which is free of any foreign odors. Ideal <br> storage conditions are below 77 F (25 degrees C) with less than 50\% relative humidity. |
| Best by Date: | 24 months in original packaging. |
| Labeling | Organic Natural Cacao Butter |


| Organoleptic | Parameter | Method | Specification |
| :--- | :--- | :--- | :--- |
|  | Color | Sensory | Light Yellow |
|  | Odor | Sensory | Characteristic |
|  | Taste | Sensory | Characteristic |
| Physical \&Chemical | Parameter | Method | Specification |
|  | Moisture | Ohaus MB45 | 0.20 \% Max |
|  | Free Fatty Acid Iodine | AOAC 940.28 | $1.75 \%$ (In Oleic Acid) Max |
|  | Value (Wijs) Peroxide | AOCS Cd 1e-01 | $32-38$ |
|  | Value Saponification | AOAC Cd8-53 | $4.00 \mathrm{mEq/kg}$ Max |
|  | Value Unsaponifiable | AOAS Cd 3-25 | $188-198 \mathrm{mg}$ KOH/g |
|  | Matter Melting Point | IOCCC 102-1988 | $0.35 \%$ Max |
|  | (Wiley) Refractive | USP 33/NF28 | $32^{\circ} \mathrm{C}-36^{\circ} \mathrm{C}$ |
|  | Index | AOCS Cc 7-25 | $1.456-1.459$ |
| Microbiological | Parameter | Method | Specification |
|  | Aerobic Plate Count | AOAC 966.23 | 5,000 cfu/g Max |
|  | Molds | FDA-BAM,7 ${ }^{\text {h }}$ ed. | Max 50 cfu/g |
|  | Yeasts | FDA-BAM,7 ${ }^{\text {th }}$ ed. | Max 50 cfu/g |
|  | Coliforms | AOAC 966.24 | $<3$ MPN /g |
|  | Salmonella | AOAC 966.24 | Absence/ 375g |
|  | E. Coli | $<3$ MPN /g |  |

Additional Statements: Cocoa Family processing facilities process CACAO PRODUCTS EXCLUSIVELY.
The Cacao products we supply are 100\% CACAO. It does not include any additives, preservatives, deodorizer, carriers, and/or processing aids. Our facilities are free of gluten, sulphites, and the 8 major allergens: milk, eggs, peanuts, tree nuts (almonds, cashews, etc.), fish, shellfish, soy, and wheat. All our Cacao products are also GLUTEN FREE, and SULPHITES FREE, and are produced and packaged in gluten/sulphites free facilities, no other products are produced or package in our facility which would cause the 8 major allergens, gluten or sulphites cross contamination.

| Approved by: CDG/GM | Issue No. 6 | Page No. 1/1, Date: $1^{\text {st }}$ December 2018 |
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