FAMILY

Cacao Powder Organic - Product Specification Sheet

| Product: | Organic Cacao Powder 10/12\% | Organic: | Yes |
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| Product Code: | OCP 22.6 kg | Kosher: | Yes |
| Country of Origin: | Dominican Republic | Halal: | Yes |
| Manufacture | Cocoa Family | Gluten Free | Yes |
|  |  | Non-GMO Project | Yes |
|  |  | Vegan | Yes |


| Botanical Name: | Theobroma cacao, Malvaceae family Linnaeus |
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| Description: | Sub-product of Cacao. Cacao powder is the product obtained from grinding the cacao cake, which is <br> the cacao mass after hydraulic cold pressing to reduce the fat content. The product is made from <br> cacao beans. |
| Packaging: | Product is packaged in food grade multi-ply kraft paper bags 50 Ib. (net). |
| 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 $77 \mathrm{~F}(25$ degrees C) with less than $50 \%$ relative humidity. |
| Best by Date: | 24 months in original packaging. |
| Labeling | Organic Natural Cacao Powder |


| Organoleptic | Parameter | Method | Specification |
| :---: | :---: | :---: | :---: |
|  | Color | Sensory | Light Brown |
|  | Odor | Sensory | Characteristic |
|  | Taste | Sensory | Characteristic |
| Physical \&Chemical | Parameter | Method | Specification |
|  | Moisture | Ohaus MB45 | Max 5\% |
|  | Particle Size | IOCCC 38(1990) | 99.0 |
|  | Fats | AOAC 963.15 | 10-12\% |
|  | PH | AOAC 970.21 | 5.0-5.9 |
|  | Shell Content | AOAC 940.21 | 1.75 \% |
|  | Ash | AOAC 955.49C | 1.90 \% |
|  | Lead | AOAC 993.14 (modified) | 0.3 ppm |
|  | Cadmium | AOAC 993.14 (modified) | 0.52 ppm |
| Microbiological | Parameter | Method | Specification |
|  | Aerobic Plate Count | AOAC 966.23 | 5,000 cfu/g Max |
|  | Molds | AOAC 997.02 | Max $100 \mathrm{cfu} / \mathrm{g}$ |
|  | Yeasts | AOAC 997.02 | Max $100 \mathrm{cfu} / \mathrm{g}$ |
|  | Coliforms | AOAC 966.24 | <10 cfu/g |
|  | Salmonella | AOAC 2004.3 | Absence/ 375g |
|  | E. Coli | AOAC 966.24 | Absence |
|  | Staphylococcus aurous | AOAC 975.55 | Absence/ 25g |
| Mycotoxins: | Parameter | Method | Specification |
|  | Aflatoxin Total | Veratox | <10 ppb |

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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