| THAI FREEZE DRY COMPANY LTD | | Specification | |
|---|---|---|---|
| Document Number/Revision | | Effective Date | DCR # |
| Pu-31 | | 17-Feb-22 | 22-0217 |
| **Botanical / Product Information Sepecification** | | | |
| **Product Information** | | **Spec Revision # 00 Date……Pages 01** | |
| Item Name | Moringa | Item Code | BH 06 |
| Scientific Botanical Name | Moringa oleifera | Plant Part used | leaves |
| Botanical Synonym (Syn) | N/A | Marker Compounds | nutrients |
| Alternate Species | N/A | Assay Method | N/A |
| Standardized Common Name | N/A | Herb to Powder Ratio | 6:01 |
| Other Common Names | N/A | Antimicrobial Method | Aqueous Ozone |
| Pharmaceutical Name | N/A | Organic/ Special | Wild Harvested |
| Ayurvedic Name | N/A | Vegetarian or Vegan | Vegan |
| Chinese Pinyin Name | N/A | CAS# | N/A |
| Identity/Assay Method | N/A | Molecular Weight (g/mol.) | N/A |
| Specific Supplier | N/A | Molecular Formula | N/A |
| Trademark | FL | Other | N/A |
| | | | |
| **Organoleptic Characteristics** | | | |
| Color | green | Odor/ Aroma | Mild citrus |
| Clarity | N/A | Favor/Sensation | Astringent |
| Form/ Texture | Fine Powder | Foreign Material | Meets AQL |
| **Characteristics** | | | **Method/Standard** |

| | | | | |
|---|---|---|---|---|
| Mesh / Density | 40 mesh | | | |
| | | | | |
| **Metals** | | **Standard** | | **Method/Standard** |
| Lead (Pb) | not detected | less than 1.0 | | AOAC 2012, 999.1 |
| Arsenic | not detected | less than 2.0 | | MCMFA 2003 |
| **Microbiological Control / SOP QC -141** | | | | |
| Mold and Yeast | less than 10 | | | APHA, Comp. 2001 ch.20 |
| Coliform | below acceptable level of 3 | | | BAM 2013, Chapter 4 |
| Staphylococcus | none detected | | | BAM2001 Chapter 12 |
| Salmonella | none detected | | | IS0 6579-2002/Cor.1:2004E |
| E. Coli | below acceptable level of 3 | | | BAM 2013, Chapter 4 |
| Clostridium | none detected | | | USP 37, NF 32 2014 |
| | | | | |
| Special Notation / Requirements | | | | |
| *__Must__ : test each lot for silymarin, Include in calculations silychrestin,silydianin, isosilybin A,isosilybin B, silybin A and silybin B. | | | | |
| **Approvals** | | | | |
| | | N/A | | |
| **Prepared By** | **Date** | **Botanical Review (If applicable)** | | **date** |
| | | | | |
| **Quality Control/Quality Assurance** | | **Quality Control/Quality Assurance** | | |