



## Product Specification

**Product:** ChaltaFarm – Whole Milk Powder (Regular)

Spray Dried

| No.                               | Parameters                  | Amount/Description  | Reference Method |
|-----------------------------------|-----------------------------|---|------------------|
| <b>Organoleptic</b>               |                             |   |                  |
| 1                                 | Color-Flavor-Texture        | Normal & Favorite   | ISIRI 2012       |
| <b>Physical-Chemical Analysis</b> |                             |   |                  |
| 1                                 | Moisture                    | Max 3.5%  | ISIRI 8781       |
| 2                                 | Scorched Particles          | Disk A  | ISIRI 2284       |
| 3                                 | Ash                         | Max 5-6%  | ISIRI 2851       |
| 4                                 | Fat                         | 26-28%  | ISIRI 1531       |
| 5                                 | Titrateable Acidity         | Max 0.15  | ISIRI 2852       |
| 6                                 | Protein (Nx6.38) (g)        | 24-24.5%  | ISIRI 639        |
| 7                                 | Protein/Fat-Free Dry matter | Min 34%   | ISIRI 639        |
| 8                                 | Insolubility Index          | Max 1 ml  | ISIRI 2012       |
| 9                                 | Lactose                     | 38-40%  | ISIRI 5807       |
| <b>Microbiology</b>               |                             |   |                  |
| 1                                 | T.P.C (CFU/g)               | Max 10000   | ISIRI 5272       |
| 2                                 | Coliforms (CFU/g)           | Negative  | ISIRI 2461       |
| 3                                 | E-coli (CFU/g)              | Negative  | ISIRI 2946       |
| 4                                 | Staphylococcus (CFU/g)      | Negative  | ISIRI 9934       |
| 5                                 | Salmonella (CFU/25g)        | Negative  | ISIRI 1810       |
| 6                                 | Yeast & Mold (CFU/g)        | <10   | ISIRI 11169      |
| 7                                 | Aflatoxin M1                | Max 1 mcg/kg (ppb)  | ISIRI 7133       |
| <b>Other</b>                      |                             |   |                  |
| 1                                 | Ingredients                 | Pure Cow's Milk   |                  |
| 2                                 | Packaging                   | Multi-Layer paper bag with PE inner bag 25kg sealed   |                  |
| 3                                 | Shelf Life                  | 12 months   |                  |
| 4                                 | Storage condition           | Temp below 20 Celsius degree and humidity under 60%<br>Frequently rotation needed while storing |                  |



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