

| Product description                                                                                                                                                                                                                                         |                                                                                                                                                          | Physical chemical analysis |                                                                                                                                                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description                                                                                                                                                                                                                                                 | Lactose Free Whole Milk Powder is made from pasteurised cow's milk. Lactose is removed by filtration and enzymatic hydrolysis. Produced by spray drying. | Protein                    | Min. 30%                                                                                                                                                                           |
| Ingredients                                                                                                                                                                                                                                                 | Milk, lactase                                                                                                                                            | Fat content                | Min. 26%                                                                                                                                                                           |
| Colour                                                                                                                                                                                                                                                      | Yellowish                                                                                                                                                | Glucose                    | 16%                                                                                                                                                                                |
| Taste and smell                                                                                                                                                                                                                                             | Clean, pleasant and slightly sweet, typical milky taste.                                                                                                 | Galactose                  | 15%                                                                                                                                                                                |
| Appearance                                                                                                                                                                                                                                                  | Powder                                                                                                                                                   | Lactose                    | Max. 0,01%                                                                                                                                                                         |
| Microbiological analysis                                                                                                                                                                                                                                    |                                                                                                                                                          | Ash content                | Max. 6,5%                                                                                                                                                                          |
|                                                                                                                                                                                                                                                             |                                                                                                                                                          | pH (10% solution)          | 6,4 – 6,8                                                                                                                                                                          |
|                                                                                                                                                                                                                                                             |                                                                                                                                                          | Moisture                   | 2,5%                                                                                                                                                                               |
|                                                                                                                                                                                                                                                             |                                                                                                                                                          | Scorched particles         | Min. B                                                                                                                                                                             |
|                                                                                                                                                                                                                                                             |                                                                                                                                                          | Insolubility index         | Max. 1,0 ml                                                                                                                                                                        |
| Total count <10000 cfu/g<br>Bacillus cereus (presumptive) <100 cfu/g<br>Enterobacteriaceae <10 cfu/g<br>Coagulase positive staphylococci <10 cfu/g<br>Mould and yeasts <50 cfu/g<br>Salmonella Absent/1kg                                                   |                                                                                                                                                          | Others specs               |                                                                                                                                                                                    |
|                                                                                                                                                                                                                                                             |                                                                                                                                                          | Allergens                  | Milk components                                                                                                                                                                    |
|                                                                                                                                                                                                                                                             |                                                                                                                                                          | GMO                        | The product does not contain and has not been produced from genetically modified organisms.                                                                                        |
|                                                                                                                                                                                                                                                             |                                                                                                                                                          | Packaging                  | 25 kg bags and Big Bags                                                                                                                                                            |
|                                                                                                                                                                                                                                                             |                                                                                                                                                          | Storage                    | Stored under cool, dry conditions (recommended temp <25 °C, RH <65 %). Keep the package tightly closed as lactose-hydrolysed powder is more hygroscopic than standard milk powder. |
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| Our certificates                                                                                                                                                                                                                                            |                                                                                                                                                          |                            |                                                                                                                                                                                    |
|    |                                                                                                                                                          |                            |                                                                                                                                                                                    |