

# QUALITY MANUAL 3.4.2

Product Specification Skimmed Milk Powder (Low Heat)

|                       |                                 |
|-----------------------|---------------------------------|
| Issue Date 30/03/2017 | Reference No. QM-3.4.2 SMPLHCON |
| Revision No. 002      | Issuer AJS                      |
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## Skimmed Milk Powder

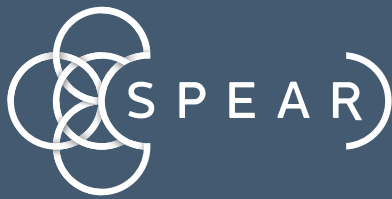
Low Heat - 25kg Product Specification

|                            |   |
|----------------------------|---|
| <b>Description</b>         | Spray dried skimmed milk powder derived from high quality skimmed milk which has been separated from raw milk, pasteurised and the water removed by evaporation under vacuum, spray dried and packed. |
| <b>Appearance</b>          | Powder is uniform white to pale cream in colour, free from lumps and is free flowing and contains no extraneous matter.   |
| <b>Flavour &amp; Odour</b> | 25Kg multiply kraft paper bag with heat sealed blue tinted food grade polyethylene inner liner.   |
| <b>Packaging</b>           | Clean and no off flavours.  |
| <b>Shelf Life</b>          | Minimum 12 months from the date of manufacture.   |
| <b>Bag Markings</b>        | Product description, manufacturer details, net weight, country of origin, healthmark, manufacturing batch, production date (Julian code) & production code.   |

| Chemical & Physical        | Typical   | Parameter      |
|----------------------------|-----------|----------------|
| Moisture                   | 4.00%     | 4.50% Max      |
| Fat                        | 0.50%     | 1.00% Max      |
| Protein                    | 35.00%    | 33.50% Min     |
| Lactose                    | 54.75%    |                |
| Minerals                   | 7.5%      |                |
| Titrateable Acidity (ADMI) | 0.14%     | 0.15% Max      |
| Bulk Density               | 0.74 g/ml | 0.65-0.83 g/ml |
| Scorched Particles (ADMI)  | Disc A    | Disc A         |
| Solubility (ADMI)          | 1ml       | 2ml Max        |
| WPNI                       | 6.5 mg/g  | ≥6.0 mg/g      |
| Antibiotics                | Absence   | Absence        |

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| Microbiology                     | Typical              | Parameter            |
|----------------------------------|----------------------|----------------------|
| TVC @ 30°C                       | 5000 cfu/g           | 10,000 cfu/g Max     |
| Presumptive Coliforms            | Not Detected in 0.1g | Not Detected in 0.1g |
| Yeast & Mould                    | <10 cfu/g            | <100 cfu/g Max       |
| Salmonella                       | Not Detected in 25g  | Not Detected in 25g  |
| Coagulase positive Staphylococci | Not Detected in 0.1g | Not Detected in 0.1g |
| Mesophilic Spore Count           |                      | <1000 /g             |

| Allergen  |         | Risk of Cross Contamination | Details                              |
|---|---------|-----------------------------|--------------------------------------|
| Cereals containing gluten (i.e. Wheat, rye, barley, oats, spelt, kamut) & products thereof  | Absent  | No                          |                                      |
| Crustaceans & products thereof  | Absent  | No                          |                                      |
| Eggs & products thereof   | Absent  | No                          |                                      |
| Fish & products thereof   | Absent  | No                          |                                      |
| Peanuts & products thereof  | Absent  | No                          |                                      |
| Soybeans & products thereof   | Absent  | No                          |                                      |
| Milk & products thereof (including lactose)   | Present | -                           | Milk products solely produced onsite |
| Nuts i.e. Almonds, hazelnuts, walnuts, cashews, pecan nuts, brazil nuts, pistachio nuts, macadamia nuts, queensland nuts & products thereof | Absent  | No                          |                                      |
| Celery & products thereof   | Absent  | No                          |                                      |
| Mustard & products thereof  | Absent  | No                          |                                      |
| Sesame seeds & products thereof   | Absent  | No                          |                                      |
| Sulphur dioxide & sulphites at concentrations of more than 10mg/kg or 10mg/litre expressed as SO <sub>2</sub>                               | Absent  | No                          |                                      |
| Lupin & products thereof  | Absent  | No                          |                                      |
| Mollusc & products thereof  | Absent  | No                          |                                      |

## History of Amendments/Revisions

| Revision No. | Date       | Revision Detail                   |
|--------------|------------|-----------------------------------|
| 001          | 08/06/2016 | First Issue.                      |
| 002          | 30/03/2017 | Addition of Allergen information. |

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