



Black Lion International
Dairy, your source of Life

PRODUCT INFORMATION SHEET

Skimmed Milk Powder Spray, ADPI Standard Grade

Product description

Skim milk powder is a soluble powder made by concentration and spray drying of fresh pasteurized skim milk

Chemical	Typical value	Specification
Fat	1.25	1.5 % max.
Protein (N x 6.38) "as is"	35	34.0 % min.
Lactose (by calculation)	50	
Ash	8	8.5 % max.
Moisture	4.5	5.0 % max.
Titrateable acidity	0.15	0.17 % max.

Physical

Insolubility	1.0	2.0 ml max.
Scorched particles (ADPI)	A/B	C max.
WPN Index low heat	> 6.0 mg/g	
WPN Index medium heat	1.51 – 5.99 mg/g	
WPN Index high heat	< 1.5 mg/g	

Microbiological

Standard Plate Count	< 30,000	50,000 /g max.
Yeast & Moulds	< 50	100 /g max.
Coliforms	< 10	10 /g max.
Salmonella	negative	negative / 25 g

Sensory

Colour	White to creamy white	
Taste and Odour	Authentic, sweet pleasant flavour	

Nutritional Information

Energy content	1,490 kJ/100 g	
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Storage & Shelflife

Relative Humidity	65 % max.	
Temperature	25 °C max.	
Shelflife	24 months	12 months min.

Packaging

Bag: moreply with innerliner	25 kg	
Semi bulk: big bag	500/900/1,200 kg	
Bulk: truck / silo	20 – 22 mt	

Quality and assurance

The product is manufactured in accordance with international standards and guidelines. Each package is marked to enable trace back.