

SPECIFICATION SHEET
Skimmed Milk Powder (Medium Heat), ADPI Extra Grade

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

Physical	Typical value	Specification
Insolubility	1	1.2 ml max.
Scorched particles (ADPI)	A	B 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	

Chemical	Typical value	Specification
Fat	0.8	1.25 % max.
Protein (N x 6.38)“as is“	35	34.0 % min.
Lactose (by calculation)	50	
Ash	8	9.0 % max.
Moisture	3.8	4.0 % max.
Titrateable acidity	0.14	0.15 % max.

Microbiological	Typical value	Specification
Standard plate count	< 5,000	10,000 /g max.
Yeast & Moulds	< 50	100 /g max.
Coliforms	< 10	10 /g max.
Salmonella	negative	negative / 125 g

Sensory	Typical value	Specification
Color	White to creamy white	
Taste and Odor	Authentic, sweet and desirable flavor	

Nutritional Information	Typical value	Specification
Energy content	1,490 kJ/100 g	

Storage & Shelflife	Typical value	Specification
Relative Humidity	65 % max.	
Temperature	25 °C max.	
Shelflife	24 months	12 months min.

Packaging	Typical value	Specification
Bag:	25 kg with inner lining	
Big bags (Totes)	1 MT approx	
Truck loads	16MT/ 18MT/ 22MT	

Quality and assurance

The product is manufactured in accordance with international standards and guidelines.