



# Spray Dried Skimmed Milk Powder

## TYPICAL PRODUCT SPECIFICATION

**DFI SMP 001**  
**Version: Sep 11**

**Product Name** Spray Dried Skimmed Milk Powder (medium heat).

**Product Description** Spray Dried product derived from skimmed milk.

**Physical & Organoleptic**  
**Appearance:** Free from lumps.  
**Colour:** White/to slightly Creamy.  
**Odour/Taste:** Bland/Free from off flavours.

**Packaging** 25 Kg paper sacks with polyethylene liner, heat sealed and stitched or 1000kg bulk bags.

**Shelf Life** 24 months in dry, ambient conditions.

### Chemical Analysis

Parameter	Target	Limit	Test Method
Moisture %		4.0 maximum	ISO 5550:2006
Fat %		1.5 maximum	ISO 5543:2004 ISO 1736:2008 ISO 1211:1999
Titratable Acidity		0.16% maximum	ADPI
Scorched Particles	Disc A	Disc B	ADPI
pH (10% at 20°C)	6.6	6.6-6.8	BS 770:1976
Solubility Index/ml		0.5 maximum	In house method
Antibiotics		Negative	Delvo
Nitrate ppm		<20	Merck Strip
Nitrite ppm		<0.5	Merck Strip

### Microbiological Analysis

Parameter	Target	Limit	Test Method
TBC/g @ 30°C for 72 hours	<5,000	<10,000 maximum	ISO 4833:2003
Enterobacteriaceae/g	Negative	Negative	ISO 21528 PART 2 2004
Coliform/g	Negative	Negative	ISO 4832:2006
E.Coli/g	Negative	Negative	ISO 7251:2005
Staph Aureus/g	Negative	Negative	ISO 6888-1:1999
Yeast & Moulds/g	<50	<50	ISO 6611:2004
Salmonella/100g	Negative	Negative	ISO 6579:1993



It is the responsibility of buyer/agent to support this specification and communicate to Dairygold Food Ingredients any requirements of local relevant legislation.

**Dairygold Food Ingredients, Clonmel Road, Mitchelstown, Co. Cork, Ireland**

**Tel: +353 (0) 25 24411 Fax: +353 (0) 25 44135**

**sales@dairygoldfoodingredients.com www.dairygoldfoodingredients.com**



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