



Granular Sodium Proteinate

TYPICAL PRODUCT SPECIFICATION

DFI GSP 001
Version: Sep 11

Product Name Granular Sodium Proteinate.

Product Description Granular Sodium Proteinate is a high moisture, soluble casein protein with good emulsification and water binding properties. It can replace standard sodium caseinate on an equal weight basis in many applications.

Suitable Applications Processed cheese, yoghurt, high fat powders, cream liquers, emulsified meats, bakery, dairy spreads.

Physical & Organoleptic
Appearance: A highly dispersible, free flowing, homogenous powder.
Colour: White/Creamy.
Odour/Taste: Neutral.

Product Declaration Milk Protein.

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

Shelf Life 18 months in dry, ambient conditions.

Chemical Analysis

Parameter	Target	Limit	Test Method
Protein % (dry basis)	92.5	90.0 minimum	ISO 8968-3:2004
Moisture %	9.0	9.5 maximum	ISO 5550:2006
Fat %	1.0	1.5 maximum	ISO 5543:2004 ISO 1736:2008 ISO 1211:1999
Lactose %	0.1		Calculated
ASH %	5.5		ISO 5545:2008
Scorched Particles	Disc A	Disc B	ADPI
pH (5% at 20°C)	6.6	6.5-7.1	BS 770:1976
Antibiotics		Negative	Delvo

Microbiological Analysis

Parameter	Target	Limit	Test Method
TBC/g @ 30°C for 72 hours	<5,000	<25,000	ISO 4833:2003
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	<20	<50	ISO 6611:2004
Salmonella/100g	Negative	Negative	ISO 6579:1993
Thermophiles/g @ 55°C for 48 hours		<5,000	ISO 4833:2003



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



Dairygold Food Ingredients Ltd is a wholly owned subsidiary of Dairygold Co-Operative Society Ltd