



Healthy Choice – Nutrition You can trust

PRODUCT SPECIFICATION

**WMP-26
WHOLE MILK POWDER 26%**

Product-Specification

**WHOLE MILK POWDER
PSPEC-7
Version 3**

The client agrees to treat this information confidentially



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Ingredients

Skimmed milk, cream, milk permeate

Nutritional Values (average values)

Description	Unit	per 100 g
Energy	kcal	494
	kJ	2066
Fat		
- Milkfat	g	26,0
- Saturated FA	g	18,43
Carbohydrates		
- Sugars	g	40,0
- Lactose	g	40,0
Protein (N x 6.38)	g	25,0
Salt (Na x 2.5) (*)	g	0,78

* Only natural salts, no added salts

Physical / chemical parameters

Description	Unit	Typical Value	Tolerances	Methods
pH	-	6,60	6,40-6,70	SVP-06:2006 (10%/20°C)
Scorched particles	Disc	A	B	ADPI
Moisture	%	3,0	max.4,0	SVP-19:2012 (102°C)
Fat	%	26,0	min.26,0	LST EN ISO 1736
Protein (N x 6.38)	%	26,0	min.25,0	LST EN ISO 8968-1
Sediment	ml	0,1	max.0,5	LST ISO 8156

Sensoric parameters

Taste/Odour	Typical for pasteurized milk , pure
Appearance/Texture	White to pale yellow thin and homogeneous free flowing powder

Shelf life / Storage

Shelf life from production	12 month
Storage conditions	≤25 °C / rel. humidity ≤65%



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Microbiology

Description	Unit	Limits	Methods
Total plate count	CFU/g	30000	LST EN ISO 4833-1
<i>Salmonella spp.</i> *	Not detectable in [g]	5x25g	LST EN ISO 6579
<i>Enterobacteriaceae</i>	CFU/g	10	LST ISO 21528-2
<i>Listeria monocytogenes</i> *	Not detectable in [g]	25	LST EN/ISO 11290-2
<i>Staphylococcus (coag. pos.)</i> *	CFU/g	10	EN/ISO 6888-1
<i>Bacillus cereus</i> *	CFU/g	1000	ISO 7932
<i>Yeast and mould</i>	CFU/g	100	LST ISO 6611

* Monitoring

Allergens

Description	Limits in mg/kg	Direct processing		Possible cross-contamination can be excluded
		Yes	No	Yes
Grain products (derivatives) ⁽¹⁾	200	Yes	No	Yes
Milk (derivatives)	1000	Yes	No	Yes
Egg (derivatives)	1000	Yes	No	Yes
Fish (derivatives)	1000	Yes	No	Yes
Crustacea (derivatives)	1000	Yes	No	Yes
Soy beans (derivatives)	1000	Yes	No	Yes
Nuts ⁽²⁾	1000	Yes	No	Yes
Sesame seeds (derivatives)	1000	Yes	No	Yes
Celery (derivatives)	1000	Yes	No	Yes
Mustard (derivatives)	1000	Yes	No	Yes
Mollusc (derivatives)	1000	Yes	No	Yes
Lupines (derivatives)	1000	Yes	No	Yes
Sulfites	10	Yes	No	Yes

⁽¹⁾ Wheat, rye, barley, oats, spelt 200 mg per kg food.

⁽²⁾ Peanuts, walnuts, cashew nuts, hazelnuts, macadamia nuts, almond nuts, paranuts, pecan nuts, pistachio nuts.

The risk of cross contamination is controlled.



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GMO

Whole milk powder is free from any genetically raw products or bacterial cultures. No genetically altered matter is contained. No enzymes or biotechnological substances derived from GMO are used in the production. No declaration in accordance with EU regulations No.1829/2003 and 1830/2003 is required.

Ionizing Rays

The product or its ingredients did not undergo a treatment with ionizing rays

Antibacterial substances/ Antibiotics residues

The product fully complies with the requirements of EU regulations regarding residues of antibacterial substances and antibiotics.

Packaging

Whole milk powder is packed in big bags up to 1000 kg net or in multilayer paper bags with PE inner liner bag of 25 kg net.

Transport

Whole milk powder is loaded in to the truck only after visual inspection. The truck is sealed after loading to protect product during transportation.

Whole milk powder can only be transported by the forwarding company which:

- can provide the trucks in suitably clean condition, free from strong odours, suitably maintained to prevent damage of products;
- ensure the security of product during transportation (particularly when the trucks are parked and unattended);
- has clear instructions for drivers in the case of trucks breakdown and accident.

Quality management system

Description

BRC (British Retail Consortium) Global Standard or Food Safety fulfilled and certified.

HACCP and preventive programs to avoid hygienic problems and any contamination exist.

EU regulations No.852/2004 and No.853/2004 fulfilled.

For the manufacturing of the product in-/online checks as well as end production checks are carried out.

Certificate with analyses values and quality parameters, based on the indications of this specification is possible.



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Compliance

Requirement

Regulation (EC) No **852/2004** of the European Parliament and of the Council of 29 April 2004 on the hygiene of foodstuffs

Regulation (EC) No **853/2004** of the European Parliament and of the Council of 29 April 2004 laying down specific hygiene rules for food of animal origin

Regulation (EC) No **178/2002** of the European Parliament and of the Council of 28 January 2002 laying down the general principles and requirements of food law, establishing the European Food Safety Authority and laying down procedures in matters of food safety

Hygiene Standard of Lithuania No **HN15** of 1 September 2005

Commission Regulation (EC) No **1881/2006** of 19 December 2006 setting maximum levels for certain contaminants in foodstuffs

Regulation (EC) No **396/2005** of the European Parliament and of the Council of 23 February 2005 on maximum residue levels of pesticides in or on food and feed of plant and animal origin

Council Regulation (EURATOM) No **3954/87** of 22 December 1987 laying down maximum permitted levels of radioactive contamination of foodstuffs and of feedings tufts following a nuclear accident or any other case of radiological emergency

Commission Regulation (EC) No **2073/2005** of 15 November 2005 on microbiological criteria for foodstuffs

Additional information

Whole milk powder is certified “Kosher” and “Halal”.

Date of last review	2015-02-01
Prepared by	Chief technologist

Sincerely,
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