



D-Whey MW90I

Milk Whey Protein Isolate 90 Instant

D-Whey WM90I is a spray dried whey isolate manufacture from whey and milk proteins instantized with sunflower lecithin.

Ingredients: whey protein concentrate , milk isolate, sunflower lecithin.

Production Origin: Poland

Factory Approval Number: PL 30311602

Chemical

Parameter	Unit	Min/Max	Typical Values	Method
Protein (dry basis)	%	min. 90.0	91.0	ISO 8968
Carbohydrates	%	max.2.0	1.2	calculated by difference
Fat	%	max. 2.0	1.2	IDF 9C
Moisture	%	max. 5.5	4.5	ISO 5537
Ash	%	max. 3.5	2.7	VDLUFA VI C10.2

Physical

Parameter	Unit	Min/Max	Typical Values	Method
pH-value		6.2-7.0	6.6	VDLUFA VI C 8.2
Bulk density	g/100	250-500	370	ISO 8967
Bulk density	g/l	200-400	280	ISO 5537
Filtration test		A/B	A	ADPI
Color		creamy white		visual
Taste		typical, neutral		sensory analysis
Odor		typical, neutral		sensory analysis

Microbiological

Parameter	Unit	Min/Max	Typical Values	Method
Total plate count	cfu/g	max. 50,000	< 10,000	ISO 4833
Enterobacteriaceae	cfu/g	max. 10		ISO 21528-2
E. coli	/g	negative		ASU L 00.00-132/2
Yeasts	cfu/g	max. 50	< 10	ISO 6611
Molds	cfu/g	max. 50	< 10	ISO 6611
Salmonella	/250g	negative		ISO 6579

Packaging: It is available in 20 kg paper bags with PE-inliner. Other alternatives are PE coated big bags up to 800 kg.

Shelf life and storage: The product has a shelf life of minimum 24 months. The product packed in big bags has a shelf life of minimum 12 months. Temperatures of maximum 25°C and a relative humidity of maximum 65% should not be exceeded during storage. Product should be stored in an odor-free environment.

Additional requirements/ wymagania dodatkowe

Product does not contain GMO/ Produkt nie zawiera GMO

Product quality certification/ Certyfikaty jakościowe produktu



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Nutritional Values (average for 100g powder)

Energy	363 kcal/1519 kj
Total Fat	1.3g
Of which saturates	0.9g
Total Carbohydrate	1.2g
Of which sugar	1.2g
Protein	87g
Salt	0.47g

Heavy Metals Limits: and below the values

Lead (Pb)	<3 mg/kg
Cadmium (Cd)	< 1 mg/kg
Mercury (Hg)	< 0,1 mg/kg

1.Requirements concerning contaminants: heavy metals, aflatoxines M1, pesticides - in accordance with applicable laws.

2.Additional informations: Allergens - milk.

3.GMO statement: product does not contain GMO or GMO sourced components



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