

DEMINERALIZED WHEY POWDER 50%

GENERAL INFORMATION

Description	Demineralized Whey Powder is manufactured by removal of water and minerals from liquid sweet whey which is the main by-product from hard cheese production
Origin	Poland
Application	Infant foods, dairy products, dairy blends, wet blends, bakery products, pasta sauces, chocolate, confectionery, ice cream
Requirements	The product conforms with all applicable Polish and European Union standards and regulations and is produced in compliance with requirements of HACCP System.
Factory code	PL 08611604 WE

PHYSICO-CHEMICAL REQUIREMENTS

	Specification	Analysis method
protein (%)	13	AOAC 976.05:2000
fat (%)	max. 1,5	IDF-FIL 9C:1987
moisture (%)	max. 3	IDF-FIL 26A:1993
ash (%)	max. 4,5	ADPI 916:2001
pH	min. 6,5	ISO 7238:2004
lactose (%) +/- 1	max. 79	PN-78/A-86030
purity (disc)	A	ADPI 916

MICROBIOLOGICAL REQUIREMENTS

Total plate count/g	1000	PN-EN ISO 4833:2004+Ap1:2005
Coliforms 0,1/g	absent	PN-ISO 7954:1999
E-coli 0,1 g	absent	PN-ISO 4832:1998
Salmonella 25/g	absent	PN-91/A-86033/Az2
antibiotics	absent	Metoda PCR, system BAX Q7
yeast /g	max. 50	PN-ISO 7954:1999
mould /g	max. 50	PN-ISO 7954:1999

ORGANOLEPTIC REQUIREMENTS

Color	White to yellowish colour, free flowing powder
Smell and flavor	Typical milky taste and smell without foreign odour
Aspect	Uniform powder, free of lumps and macro.

STORAGE, SHELF LIFE AND PACKING SPECIFICATION

Packing	Four-layer paper bag with polythene inner bag, 25 kg net
Shelf Life	18 months shelf life in the original packaging
Storage	Product must be stored in a cool, dry place, at temperature below 20°C and relative humidity below 75%