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PRODUCT SPECIFICATION

MSPC80 MILK SOLUBLE PROTEIN CONCENTRATE

Description	Milk soluble protein concentrate MSPC80 is powder of total milk protein of which the casein fraction has been formerly removed by microfiltration, processed by ultrafiltration and spray drying process
Ingredients	Milk 100%
Organoleptic characteristics	
Colour	White creamy
Consistence	Dry fine powder, free of lumps
Flavour and odour	Milky, typical, free of foreign taste or odour
Physical and chemical parameters*	
Moisture (not more than), %	5
Fat (not more than), %	1
Protein in dry matter, %	80
pH (10%/20°C)	6,8-7,0
Solubility index (not more than), ml	1,0
Scorched particles, disc	A
Pharmacologically active substances	not exceeding the limits set in Regulation EC No 37/2010
Combined total of residues of all substances	not exceeding values fixed in Regulations EC No 1881/2006, EC No 165/2010, EC No 1259/2011
Physical hazard	no foreign impurities that may cause health risk to the consumer
Microbiological criteria*	
Aerobic plate count, cfu/g	≤ 10 000
Yeast and mould, cfu/g	< 10
Coliforms, g	< 10
E.coli, cfu/g	<10
Listeria monocytogenes, 25g	not detected
Salmonella, 25g	not detected
Coagulase-positive staphylococci, cfu/g	< 10
GMO status	
Genetically modified organisms	Product does not contain GMO, is not produced from GMO and does not contain any ingredients, produced from GMO
Allergens	
Milk and products thereof (including lactose)	
Packing	
Multiply paper bags with polyethylene liner 20 kg net	
Storage conditions and shelf life	
From the date of production at a humidity not up 80%, not longer than 2 years at a temperature not up +25°C.	
Transportation	



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Covered transport without prejudice to the storage conditions.

* - parameters are subject to change according to customer requirements

Date of last review	2016-06-30
Prepared by	Chief technologist

Sincerely,
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Sincerely,
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