



PRODUCT SPECIFICATION
PRODUCT SPECIFICATION AND DISTRIBUTION METHODE

**SV-SOM-EX-
2026**

SKIMMED MILK POWDER, ADPI Extra Grade, medium heat

ORANOOLEPTICAL QUALITY

Title:	Skimmed milk powder spray, ADPI EXTRA GRADE, medium heat
Appearance, colour:	Free flowing powder without lumps, uniform milky or creamy colour
Taste, odour:	Delicious - milky, typical milky without foreign odours

PHYSICAL AND CHEMICAL QUALITY

	Method	Limit
Moisture:	Vacuum oven Metod 103°C	max. 4 %
Milkfat:	Roese -Gottlieb	max. 1,25 %
Acidity:	Titration as lactic acid	max. 0,15%
Solubility:	ADPI	max. 1,2 ml
Scorched particles:	ADPI	Disk A/B
Ash:	1h/550 °C	max. 9 %
Lactose:	HPLC	min. 48 %
Protein:	Kjedahl	min. 34 %
Inhibitors:	Delvotest	negative
WPNI Index	ADPI	1,51-5,99 mg/kg

MICROBIOLOGICAL QUALITY

	METHOD	Nr.of samples		Quantity per 1 g	
		n	C	m	M
TPC	ČSN EN ISO 4833-1	5	0	$\leq 10^4$	
Coli	ČSN ISO 4832	5	0	≤ 10 CFU	
Salmonella	ČSN EN ISO 6579-1	5	0	0/25	
Staphylococcus Aureus	ČSN EN ISO 6888-1	5	2	≤ 10 CFU	10^2 CFU
Yeasts and moulds	ČSN ISO 21527-1,2	5	0	$\leq 10^2$ CFU	
Listeria monocytogenes	ČSN EN ISO 11290-1	5	0	0/25	
Enterobacteriaceae	ČSN ISO 21528-1	5	0	≤ 10 CFU	

HYGIENICS QUALITY

Contamination	Max. quantity per mg/kg after reconstitution
Lead	0,02
Cadmium *repealed by Com. regulation 2023/915	0,01
Sum of dioxins (WHO-PCDD/F-TEQ)	2,0 pg/g of fat
Sum of dio. and dio-like PCBS (WHO-PCDD/F-PCB-TEQ)	4,0 pg/g of fat
Sum of PCB (ICES-6)	40 ng/g fat
Aflatoxin M1	0,05 (µg)
Staphylococcal enterotoxins	Neg/25

PACKAGING, MARKING, STORAGE, TRANSPORT

Packaging: 25 kgs +-1%, multiply paperbags with poly-inner shell (high-temperature welded), bags closed by double-folding (event. threads threads stitching) bags on clean nondamaged wooden EUR palettes covered by cardboard. Alternatively BB till 1 Mt volume.

Storage: in clean, dry storage places, with temperature max. 24 °C and relative humidity to 70 %.

Marking: each bag is marked by label with: producer name, product name, production date, best before date, netto weight.

Transport: by dry, clean trucks or containers without foreign odours.

SHELF LIFE

24 month from production date (by 24 °C and 70 % relative humidity)

Appendix - specification part II. is an integral part of this document.

Accepted by: _____

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