

**Butter milk powder, ADPI Extra Grade**
**ORGANOLEPTICAL QUALITY**

<b>Title:</b>	Butter milk powder
<b>Appearance, colour:</b>	Free flowing powder without lumps, uniform colour milky or creamy
<b>Taste, odour:</b>	Delicious - milky, typical milky without foreign odours

**PHYSICAL AND CHEMICAL QUALITY**

	Method	Limit
<b>Moisture:</b>	Vacuum oven Metod 103°C	max. 4 %
<b>Milkfat:</b>	Roese -Gottlieb	3,5-6 %
<b>Acidity:</b>	Titration as lactic acid	max. 0,18%
<b>Solubility:</b>	ADPI	max. 1,25 ml
<b>Scorched particles:</b>	ADPI	disk A/B
<b>Ash:</b>	1h/550 °C	max. 9 %
<b>Lactose:</b>	HPLC	min. 47 %
<b>Protein:</b>	Kjedahl	min. 30 %
<b>Inhibitors:</b>	Delvotest	negative

**MICROBIOLOGICAL QUALITY**

	METHOD	Nr.of samples		Quantity per 1 g	
		n	C	m	M
TPC	ČSN EN ISO 4833-1	5	0	≤2.10 <sup>4</sup>	
Coli	ČSN ISO 4832	5	0	≤10 CFU	
Salmonella	ČSN EN ISO 6579	5	0	0/25	
Staphylococcus Aureus	ČSN EN ISO 6888-1	5	2	≤ 10 CFU	10 <sup>2</sup> CFU
Yeasts and moulds	ČSN ISO 21527-1,2	5	0	≤10 <sup>2</sup> CFU	
Listeria monocytogenes	ČSN EN ISO 11290-1	5	0	0/25	
Enterobacteriaceae	ČSN ISO 21528	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Cadmium *) repealed by Com.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. stitching) bags on clean nondamaged wooden EUR palettes covered by cardboard.

**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, expiry date, nett weight.

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

**SHELF LIFE**

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

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

<i>Eligo a.s. Bláhova 308 530 02 Pardubice</i>	<i>Elaborated:</i> 	<i>Approved:</i> 	<b>Valid since:</b> 1.2.2026	<b>number of pages :</b> 1
<b>Substitutes the version with validity:</b>				<b>1.10.2023</b>