

**PRODUCT SPECIFICATION****PRODUCT SPECIFICATION AND DISTRIBUTION METHODE****SV-SYRK-EX** article:  
1014404 - spec 067**SWEET WHEY POWDER SPRAY, CRYSTALLIZED, ADPI Extra Grade****ORGANOLEPTICAL QUALITY**

<b>Title:</b>	Sweet whey powder spray, crystallized
<b>Appearance, colour:</b>	Free flowing powder without lumps, uniform colour milky or creamy
<b>Taste, odour:</b>	Sweet, slightly salty taste disappears after reconstitution, typical milky

**PHYSICAL AND CHEMICAL QUALITY**

	Method	Limit
<b>Moisture:</b>	Vacuum oven Metod 103°C	max. 3 %
<b>Milkfat:</b>	Roese -Gottlieb	max. 1,5 %
<b>Titrateable acidity:</b>	Titration as lactic acid	max. 0,16%
<b>Solubility:</b>	ADPI	max. 0,5ml
<b>Scorched particles:</b>	ADPI	Disk A/B
<b>Ash:</b>	1h/550 °C	max. 8,5 %
<b>Lactose:</b>	HPLC	min. 72%
<b>Protein: (N*6,38)</b>	Kjedahl	min. 11%
<b>Inhibitors:</b>	Delvotest SP/ Eclipse 50	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> CFU	
Coli	ČSN ISO 4832	5	0	≤10 CFU	
E. Coli	ČSN ISO 16 649-2	5	0	≤10 CFU	
Salmonella	ČSN EN ISO 6579-1	5	0	0/25	
Staphylococcus Aureus	ČSN EN ISO 6888-1	5	0	≤ 10 CFU	
Yeasts and moulds	ČSN ISO 21527-1,2	5	0	≤10 <sup>2</sup> CFU	
ASR	ČSN ISO 15213	5	0	≤ 300 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	0,01
Dioxins (WHO-PCDD/F-TEQ)	2,0 ppb/g of fat
Sum of PCB and Dioxins (WHO-PCDD/F-PCB-TEQ)	4,0 ppb/g of fat
Sum of PCB (ICES-6)	40 ng/g of fat
Aflatoxin M1	0,05 (µg)
Staphylococcal enterotoxins	Neg/25

**PACKAGING, MARKING, STORAGE, TRANSPORT**

<b>Packaging:</b> 25 kgs +-1%, multiply paperbags with poly-inner liner (high-temperature welded),bags closed by double-folding (ev. threads stitching) bags on clean nondamaged wooden plastic pallets covered by cardboard.
<b>Storage:</b> in clean, dry storage places, with temperature max. 25 °C and relative humidity to 65 %.
<b>Marking:</b> each bag is marked by label with: producer name, product name, production date, expiry date, netto weight.
<b>Transport:</b> by dry, clean trucks or containers without foreign odoures.

**SHELFLIFE**

18 month from production date (by 25 °C and 65% relative humidity)
Appendix - specification part II. is an integral part of this document.

Accepted by \_\_\_\_\_

<b>Eligo 10 s.r.o.</b>	<b>Elaborated:</b> 	<b>Approved:</b> 	<b>Valid since:</b> 01.10.2023	number of pages : 1
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