

**Product Specification**

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State: Applicable

FEED MATERIAL WHEY POWDER FILTRATEAuthor: Woźniak Marta [Specjalista ds. Jakości]Editor: Korneszczyk Ryszard [Kierownik Proszkowni] Ponikowska Katarzyna [Kierownik Działu Zapewnienia i Kontroli Jakości]Approved: Styś Wojciech [Główny Technolog]

- 1. Raw material:** whey permeate after ultrafiltration obtained from sweet cheese production
- 2. Use of the product:** It is intended for feeding to livestock and as a component in compound feed
- 3. Country of origin:** Poland
- 4. Sensory, physical-chemical and microbiological requirements:**

Sensory characteristic	
Appearance	free flowing powder, agglomeration admissible
Physical-chemical characteristic	
Lactose	83% ± 3
Ash	8% ± 0,8
Protein	4% ± 1
Humidity	max 4 %
Mechanical impurities	not allowed, scorched particles – disc A , B - admissible
Microbiological characteristic	
Salmonella	absent in 25 g, n=5 c=0
Yeasts	10 ² CFU/g
Moulds	10 ² CFU/g
Chemical characteristic	
Aflatoxin B1	0,02 mg/kg
Heavy metals:	
Arsenic	2 mg/kg
Lead	10 mg/kg
Cadmium	2 mg/kg
Mercury	0,1 mg/kg
Organochlorine pesticides	0,01 mg/kg
Dioxins (sum of polychlorinated dibenzo p-dioxins (PCDD) and polychlorinated dibenzofurans)	0,50 ng WHO-PCDD/FTEQ/kg
The sum of dioxins dioxin PCB	1,25 ng WHO-PCCD/F-TEQ/kg-PCB
WHO-TEF	0,35 WHO-PCB-TEQ/kg
Dioxin PCB (sum PCB28, 52, 101, 138, 153, 180) - ICES-6	10 g/kg (ppb)
Nitrites	15 mg/kg
Antibiotic and inhibitory substances	absent

- 5. Tolerance limits the content of the declared analytical constituents by** Regulation of the European Parliament and the Council (EC) no 767/2009 of 13 July 2009
- 6. Additional informations: Allergens** - milk (including lactose)
GMO statement: product does not contain GMO or GMO sourced components.
- 7. Packaging: direct package:** – paper bags - 25.0 kg, 4-layer with z polyethylene insert
– BIG-BAGs - weight max 1000kg
Palleting: 1000kg EURO pallets wrapped in stretch foil.
- 8. Labelling:** in accordance with applicable laws and UE regulations
- 9. Shelf life:** bags 25 kg - 18 months from production date
- 10. Storage conditions:** temp. ≤ 20 °C, RH ≤ 75 %
- 11. Transport:** means of transport protecting product against damage, moisture or other dangers
- 12. Legal conditions:** Product meets the requirements of Polish and European Union law in respect of feed materials. Product meets the requirements of GMP+B2 "Production of feed ingredients"