

Material: 52431 WPC_80_Prem_inst_food_Bag20_SF
Customer material number: 23-82-2904-12634
Whey Protein Concentrate WPC 80 instant 20 kg Bag

Sample: 400010020995
Batch: B2105232
lot no: 057-084

Inspection Lot: 41159410
Production date: 23.05.2021

BBD: 22.05.2023

Parameter / Method	Result of analysis	Unit
Visual / Sensory Test Organoleptic Test	OK	
pH Potentiometric Measurement, 10% solution	6.76	
Fat NIR Spectroscopy	6.22	%
Protein Nx6,38 NIR Spectroscopy	77.68	%
Protein in dry matter Calculated Value	81.74	%
Lactose NIR Spectroscopy	4.79	%
Ash NIR Spectroscopy	3.66	%
Water - free, Loss on Drying 102°C / 2h NIR Spectroscopy	4.97	%
Scorched Particles/ Impurity ADPI, 10% solution	A: <= 7,5	
Solubility Index ADPI, 10% solution	0.1	ml

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Parameter / Method	Result of analysis	Unit
Total Plate Count - aerobic, mesophilic ISO 4833, 30°C	3200	cfu/g
Yeasts and Mould ISO 6611 mod.	0	cfu/g
Coliforms ISO 4832	0	cfu/g
Escherichia coli ISO 7251, ISO 16649-2	0	cfu/g
Enterobacteriaceae ISO 21528 -1/-2	0	cfu/g

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Parameter / Method	Result of analysis	Unit
Nitrate Cadmium Reduction	1	mg/kg
Nitrite Cadmium Reduction	<0	mg/kg

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Parameter / Method	Result of analysis	Unit
Bacillus cereus ISO 7932	40	cfu/g
Salmonella spp. PCR: ISO 22119, confirmation ISO 6579-1	negative	/750g
Listeria spp. PCR: ISO 22119, confirmation ISO 11290-1	negative	/50g
Coagulase Positive Staphylococci PCR: ISO 22119, confirmation ISO 6888-2	negative	/1g
Sulfit-reducing Clostridia ISO 15213	<10	cfu/g

for raw cows' milk).

All of our one-way pallets are heat treated according to ISPM15/IPPC requirements.

Powder inspection for foreign matter using a metal detector (iron, stainless steel).

Note: Monitoring = No analysis per batch but analysis at regular intervals.