

## SHEEP SWP

SPECIFICATION FOR SHEEP SWEET WHEY POWDER (rev.2, 02/11/2023)

Product description: Sheep sweet whey powder
Taric code: 04.04.10.02
Ingredient: NON-GMO Sheep sweet whey
GB Standard: 11674-2010

Sensory Parameters:		
Items	Value	Test Method (or other equivalent internationally recognized method)
Colour	Cream white or pale yellowish powder	Take appropriate amount of sample on a white paper, observe the colour, consistency, and impurity
Consistency	Uniform and dry powder, no lumps	
Impurity	No visible impurities with normal vision	
Taste and smell	With the typical taste and flavour of the product, no foreign odour	Smell and taste it with warm water
Heat stability	No flakes, no precipitate	Add 13.6g powder into 100ml water at 60°C for dissolving and keep it at 90°C for 5min.

Chemical-physical Parameters:		
Items	Limit	Test Method (or other equivalent internationally recognized method)
Moisture	≤ 5.0 %	GB 5009.3
Protein (N x 6.38)	≥ 12 %	GB 5009.5
Fat	≤ 1.2 %	GB 5009.6
Ash	≤ 8.0 %	GB 5009.4
Lactose	≥ 61,0%	GB 5009.8
pH	5.8 – 8.0	pH meter (10% solution)
Impurity	≤ 8 mg / kg (ADPI scorched disc A)	GB 5413.30
Nitrate (as NaNO <sub>3</sub> )	≤ 80 mg / kg	GB 5009.33
Nitrite (as NaNO <sub>2</sub> )	≤ 2.0 mg / kg	GB 5009.33
Cow content	< 1%	(ELISA) BRW5171 R-biopharm
Antibiotics	< MRL	GB 31650 (LC-MS/MS)
Veterinary drugs	< MRL	GB 31650 (LC-MS/MS)

We reserve the right to modify the specified values without notice  
 Technical sheets with specific parameters are available upon request

Contaminants and residues:		
Items	Limit	Test Method (or other equivalent internationally recognized method)
Lead (Calculated as Pb)	$\leq 0.3 \text{ mg / kg}$	GB 5009.12
Total Arsenic (Calculated as As)	$\leq 0.5 \text{ mg / kg}$	GB 5009.11
Melamine	$\leq 0.1 \text{ mg / kg}$	GB/T 22388
Aflatoxin M1	$\leq 0.5 \text{ } \mu\text{g / kg}$	GB 5009.24
DEHP	$\leq 1.5 \text{ mg / kg}$	GB 5009.271
DINP	$\leq 9.0 \text{ mg / kg}$	GB 5009.271
DBP	$\leq 0.3 \text{ mg / kg}$	GB 5009.271

Microbiological Parameters:		
Items	Limit	Test Method (or other equivalent internationally recognized method)
Total Plate Count	$\leq 20.000 \text{ CFU / g}$	GB 4789.2
Coliform	$\leq 10 \text{ CFU / g}$	GB 4789.3
Yeast and Moulds	$\leq 100 \text{ CFU / g}$	GB 4789.15
Salmonella	ND / 25 g	GB 4789.4
Listeria monocytogenes	ND / 25 g	GB 4789.30
Coag. Staphylococcus +	$< 10 \text{ CFU / g}$	GB 4789.10

Storage	
Packaging	25 kg / bag, strong multilayer paper bag with PE inner liner
Shelf life	24 Months, Keep the product in its closed package, away from the sunlight, in a dry place (RH < 50 %), at a temperature under or equal 25 °C

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