

The **TATUA** Co-operative Dairy Company Limited  
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**CUSTOMER SPECIFICATION  
 HWP 305**

**Product Description:** Hydrolysed Whey Protein

**Customer Spec ID:** HWP305-C01-04

TEST PARAMETERS	TEST METHOD	UNITS	SPECIFICATION	
			MIN	MAX
<b>Chemical Analysis</b>				
Protein (as is) TN x 6.76	Kjeldahl	% m/m	74.4	
Protein (dry basis)	Kjeldahl	% m/m	76	
Fat	SBR	%		1.0
Moisture	Gravimetric	% m/m		5.0
Ash	600 °C/5 hrs	% m/m		7.0
Lactose	Phenol / Sulphuric			7
pH	5% TS 20°C		5.8	6.5
Degree of Hydrolysis	MOPA	%DH	30	
Heavy Metals as Lead <sup>+</sup>	Sulphide Method	mg/kg		10
Arsenic <sup>+</sup>	ICP-OES	mg/kg		0.5
<b>Physical Properties</b>				
Bulk Density	Niro 35 tap	g/ml	0.4	0.7
Scorched Particles	ADPI	/50g	A	
Foreign Matter	Filtration	/50g		ND
<b>Microbiological Analysis</b>				
Aerobic Plate Count	ISO 4833	cfu/g		3000
Coliforms	IDF 170A/LST-MUG	/g		ND
E. coli	IDF 170A/LST-MUG	/g		ND
Yeasts and Moulds	IDF 170-1	cfu/g		50
Coagulase Positive Staphylococci	ISO 6888-3	/g		ND
Salmonella	Detection FDA	/750g		ND
Listeria	Detection FDA	/50g		ND

ND= Not Detected

<sup>+</sup> tested periodically

**Packaging:** 20kg multiwall paper bags, incorporating a moisture barrier and an inner polyethylene bag liner.