

## Certificate of Analysis

- Plant Number                    55-205
- EU Plant Number                3009518317
- Lot Number                        242-9
- Production Date                 August 30, 2019
- Product Code                    WPI-9010
- Product Name                    Instant Whey Protein Isolate 90% (IWPI90)
- Bag Size                          20kg

Physical Analysis	Result	Specification	Test Method
Protein % DB	91.10	90 (min)	Calculation
Protein % as is	85.90	85 (min)	AOAC
Moisture %	5.71	6.0 (max)	SMEDP
Fat %	0.86	1.5 (max)	SMEDP
Ash %	2.98	5.0 (max)	AOAC
pH	6.45	5.5 - 7.0 (max)	10% at 20°C
Scorched Particles	A	Disc A (7.5 max)	Filter Pad

Microbiological	Result	Specification	Test Method
Standard Plate Count, cfu/g	2,700	10,000 (max)	Petrifilm 32C (dairy)
Coliform, cfu/g	<10	10 (max)	Petrifilm 32C (dairy)
Yeast/Mold, cfu/g	<10	100 (max)	SMEDP
E. coli, cfu/g	<10	<10	Petrifilm 32C (dairy)
Staph. aureus, cfu/g	<10	<10	AOAC
Salmonella (375g)	Negative	Negative	AOAC
Listeria (25g)	Negative	Negative	AOAC