



# Certificate of Registration

Foodtech<sup>®</sup>  
LIFE NUTRITION

Audit Date  
**Oct 13, 2022**

Next Re-Certification  
Audit Date  
**Oct 01, 2023**

Date of Decision  
**Nov 04, 2022**

Certificate Expiry Date  
**Dec 15, 2023**

Certificate Number  
**10938**

Certification Type  
**Unannounced**

## *Agropur Inc. - Hull*

332 Division Street Hull Iowa 51239 United States

Is registered as meeting the requirements of the:

## **SQF Food Safety Code: Food Manufacturing, Quality Code, Edition 9**

Scope of Registration (Food Sector Categories):

**10: Dairy Food Processing**

Certified Products:

**10: cheese, whey , spray drying**

Signed on behalf of  
NSF Certification, LLC

John Rowley  
Vice President,  
Global Food Division



ISO/IEC 17065  
Product Certification Body  
#1181

**NSF Certification, LLC**  
789 N. Dixboro Road, Ann Arbor, MI  
48105 USA

This certificate remains the property of NSF  
Certification, LLC.



 **SQF** INSTITUTE  
One world. One standard.  
SQF Institute is a division of FMI.



## ISO Chill® 8010 instantized whey protein concentrate 80%

**Foodtech**  
LIFE NUTRITION

### Product Composition

Whey Protein Concentrate - 98.5%  
Soy Lecithin - 1.5%  
Contains: Milk, Soy

### Version No.

23B-0125

### Typical Nutrient Profile \*

#### Expressed per 100g product, as is

|                         |       |
|-------------------------|-------|
| Calcium, mg             | 430   |
| Calories                | 400   |
| Calories from Fat, g    | 65    |
| Carbohydrates, Total, g | 7     |
| Chloride, mg            | 115   |
| Cholesterol, mg         | 200   |
| Dietary Fiber, g        | 0     |
| Fat, Monounsaturated, g | 2.1   |
| Fat, Polyunsaturated, g | 0.7   |
| Fat, Saturated, g       | 3.9   |
| Fat, Total, g           | 7     |
| Fat, Trans, g           | 0.15  |
| Iron, mg                | 1     |
| Magnesium, mg           | 65    |
| Phosphorus, mg          | 340   |
| Potassium, mg           | 350   |
| Protein, (N x 6.38)     | 77    |
| Sodium, mg              | 170   |
| Sugars, added, g        | 0     |
| Sugars, g               | 7     |
| Vitamin A, IU           | 140   |
| Vitamin C, mg           | < 2   |
| Vitamin D, mcg          | < 0.2 |

### Chemical Analysis

#### Typical Value

|                                   |            |
|-----------------------------------|------------|
| Ash, (%)                          | 2.9 ± 0.6  |
| Fat, (%)                          | 7.0 ± 1.0  |
| Lactose, (%)                      | 7.0 ± 1.5  |
| Moisture, (%)                     | 5.5 ± 0.5  |
| pH, 10% Sol. @ 20C                | 6.0 ± 0.5  |
| Protein, (N x 6.38) as is (%)     | 77.0 ± 1.4 |
| Protein, (N x 6.38) dry basis (%) | 81.5 ± 1.0 |

### Microbiological Analysis

#### Typical Value

|                                  |          |
|----------------------------------|----------|
| Aerobic Plate Count, cfu/g       | < 2,500  |
| Coliform, cfu/g                  | < 10     |
| E. coli, cfu/g                   | Negative |
| Listeria monocytogenes           | Negative |
| Salmonella sp.                   | Negative |
| Staph aureus (Coag. Pos.), cfu/g | < 10     |
| Yeast & Mold, cfu/g              | < 10     |

### Physical Analysis

#### Typical Value

|                            |              |
|----------------------------|--------------|
| Appearance                 | Free-flowing |
| Flavor                     | Clean; Dairy |
| Loose Bulk Density, g/cc   | 0.26 ± 0.02  |
| Odor                       | No Off Odors |
| Powder Color               | Cream        |
| Scorched Particles, mg/25g | 7.5          |

### Typical Amino Acid Profile

#### Expressed as g/100g protein, as is

|                            |      |
|----------------------------|------|
| Alanine                    | 4.9  |
| Arginine                   | 2.5  |
| Aspartic Acid / Asparagine | 10.8 |
| Cysteine                   | 2.3  |
| Glutamic Acid / Glutamine  | 17.3 |
| Glycine                    | 1.8  |
| Histidine†                 | 1.7  |
| Isoleucine†‡               | 5.9  |
| Leucine†‡                  | 10.3 |
| Lysine†                    | 9.0  |
| Methionine†                | 2.2  |
| Phenylalanine†             | 3.2  |
| Proline                    | 6.2  |
| Serine                     | 4.9  |
| Threonine†                 | 6.9  |
| Tryptophan†                | 1.8  |
| Tyrosine                   | 3.0  |
| Valine†‡                   | 5.2  |

† Essential Amino Acid

‡ Branched Chain Amino Acid

\* Source: USDA Nutrient Database for Standard Reference and USDEC Reference Manual for US Whey and Lactose Products. The above nutritional information is not intended as a substitute for product testing to be performed by the customer. AGROPUR MAKES NO REPRESENTATION OR EXTENDS ANY WARRANTIES OF ANY KIND EITHER EXPRESSED OR IMPLIED AS TO THE ACCURACY OF THIS NUTRITIONAL INFORMATION and disclaims any liability related thereto. Customer is solely responsible for the specification, testing, packaging, design and contents of the product label.

### Protein Profile \*\*

#### Percent of Total Protein

|                         |         |
|-------------------------|---------|
| Alpha-lactalbumin       | 18 -22  |
| Beta-lactoglobulin      | 48 - 54 |
| Bovine Serum Albumin    | 2 - 4   |
| Glycomacropeptide (GMP) | 23 - 25 |
| Immunoglobulins (IgG)   | 2 - 4   |

\*\* Protein profile is provided for informational purposes only. These results are generated by HPLC using limited sample quantities.

### Metabolic Efficiency

|                                |       |
|--------------------------------|-------|
| Biological Value (BV)          | > 100 |
| Net Protein Utilization (NPU)  | 92    |
| PDCAAS                         | 1.0   |
| Protein Efficiency Ratio (PER) | 3.2   |



## DAIRY SOLUTIONS TRACE ELEMENT & CONTAMINANT PROGRAM

Agropur inc. screens representative products listed in this statement for trace elements & contaminants. We do not test each lot. Based on these analyses and historical data, Agropur inc.'s Dairy Solutions typically meet the following levels:

### Whey-Powder

Crino® deproteinized whey

Crino® premium deproteinized whey

Crino® sweet dairy whey

### Whey Protein Concentrates (WPC)

ISO Chill® 8000

ISO Chill® 3400 HF

### Instantized WPC

ISO Chill® 8010

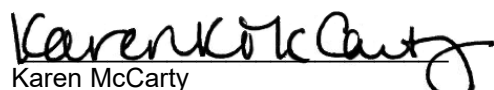
ISO Chill® 8011

| Compound     | Frequency | Typical Level | Compound                                    | Frequency | Typical Level |
|--------------|-----------|---------------|---------------------------------------------|-----------|---------------|
| Aluminum     | Biannual  | < 2.50 mg/kg  | Mercury                                     | Biannual  | < 0.02 mg/kg  |
| Arsenic      | Biannual  | < 0.10 mg/kg  | Silver                                      | Biannual  | < 0.05 mg/kg  |
| Barium       | Biannual  | < 0.50 mg/kg  | Tin                                         | Biannual  | < 0.10 mg/kg  |
| Cadmium      | Biannual  | < 0.01 mg/kg  | Zinc                                        | Biannual  | < 10 mg/kg    |
| Chromium     | Biannual  | < 0.20 mg/kg  | Heavy Metals as Lead                        | Biannual  | < 5 mg/kg     |
| Copper       | Biannual  | < 2.50 mg/kg  | Aflatoxin M1                                | Biannual  | < 0.40 ug/kg  |
| Iron         | Annual    | < 10 mg/kg    | Melamine & Cyanuric Acid                    | Biannual  | < 1 mg/kg     |
| Lead (Plomo) | Biannual  | < 0.05 mg/kg  | Agricultural Chemical Residues <sup>1</sup> | Biannual  | Not Detected  |
| Manganese    | Biannual  | < 0.50 mg/kg  | Antibiotic Drug Residues <sup>2</sup>       | Per Load  | Negative      |

<sup>1</sup>Agropur inc. screens products for agricultural residues using Multi Residue Methods (MRM) for common pesticides, insecticides, herbicides, and fungicides including: organochlorides, organophosphates, organonitrogen, carbamates and pyrethroids. This method of testing is the same technique used by the FDA to screen food and dairy products and detects over 150 residues at or below EPA regulations.

Our historical MRM screening of all Agropur inc. products has not detected a residue since we began testing. This history, along with nation-wide residue monitoring of agricultural commodities performed by the FDA<sup>3</sup> and USDA<sup>4</sup> utilizing MRM screening, allows us to certify that our products do not contain agricultural chemicals in excess of United States EPA regulations.

<sup>2</sup>All our raw milk is federally regulated by the Pasteurized Milk ordinance Appendix N requirements for raw milk testing. Per Appendix N of the PMO, all milk is screened prior to unloading for drug residues and only those loads that test negative with an approved antibiotic test can be unloaded into our facilities for processing. Any positive loads are rejected and the appropriate regulatory authorities are notified as required by the PMO. All Dairy Solutions products manufactured by Agropur inc. have been manufactured with milk that is in compliance with PMO Appendix N requirements<sup>5</sup>.

  
Karen McCarty  
Sr. Director Commercial Quality

July 27, 2025  
Date

#### References:

<sup>3</sup>US FDA Pesticide Program - <https://www.fda.gov/food/foodborneillnesscontaminants/pesticides/ucm2006797.htm>

<sup>4</sup>USDA Pesticide Data Program - <https://www.ams.usda.gov/datasets/pdp>

<sup>5</sup>Grade "A" Pasteurized Milk Ordinance (PMO) -

<https://www.fda.gov/Food/GuidanceRegulation/GuidanceDocumentsRegulatoryInformation/Milk/ucm2007966.htm>



July 14, 2023

RE. AUTORIZACION DE VENTAS A COMERCIALIZADORA FOODTECH LIMITADA

A quien corresponda.

Por medio de la presente, AGROPUR INC confirma que la compania COMERCIALIZADORA FOODTECH LIMITADA, identificada con RUT: 76.794.876-K y con direccion en El Retiro 1227 Bodega 102 Renca, Santiago. Bodega Supletech. Recinto Avanza Park, con telefono: 971788081, es un cliente directo de AGROPUR y goza de una linea de credito directa con nuestra compania.

La compania COMERCIALIZADORA FOODTECH LIMITADA, esta autorizada por AGROPUR a importar directamente nuestros productos en Chile y comercializarlos libremente.

Si tiene alguna pregunta, por favor no dude en contactar al abajo firmante.

Cordiales saludos,

**Jose Zlatar**  
Business Development Manager  
LatinAmerica  
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**AGROPUR Inc.**

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