

## MILPALAC® Sweet Whey Powder

### Technical specification

**Producer:** ALL-IMPEX, a.s., Sadová 460/17, 161 00, Prague, Czech Republic  
**VAT number:** CZ 45802971  
**Plant:** ALL-IMPEX, a.s., Dělnická 548, 530 03, Pardubice, Czech Republic  
**Approval Nr:** CZ 06 ES  
**Office:** Nad Palatou 26, Prague, 150 00, Czech Republic

#### Description

**Appearance:** free-flowing powder with slightly crumbling lumps  
**Colour:** milky to slightly creamy  
**Taste:** milky, sweet, slightly salty, without foreign flavours  
**Raw Material:** EU Origin

#### Microbiological Parameters:

| Parameter              | Method             | Limit             | Usual result     |
|------------------------|--------------------|-------------------|------------------|
| Total Plate count      | ISO 4833 - 1, 2    | max. 10 000 CFU/g | < 500 CFU/g      |
| Enterobacteriaceae     | ISO 21528 - 1, 2   | max. 10 CFU/g     | < 10 CFU/g       |
| Staphylococcus         | ISO 6888 - 1, 2, 3 | max. 100 CFU/g    | < 10 CFU/g       |
| Yeast                  | ISO 6611           | max. 100 CFU/g    | < 10 CFU/g       |
| E. coli                | ISO 16649 - 2      | max. 10 CFU/g     | < 10 CFU/g       |
| Mould                  | ISO 6611           | max. 100 CFU/g    | < 10 CFU/g       |
| RIL                    | ECLIPSE 50         | negative          | negative         |
| Salmonella             | EN ISO 6579        | negative in 25 g  | negative in 25 g |
| Listeria monocytogenes | ISO 11290 -1, 2    | negative in 25 g  | negative in 25 g |

#### Physical Parameters

| Parameter  | Method                   | Limit       | Usual result |
|------------|--------------------------|-------------|--------------|
| Moisture   | SOP D06 04 452           | max. 5%     | 4 %          |
| Fat        | SOP D06 04 482           | max. 1,5%   | 0,25 %       |
| Protein    | ISO 14891, ISO 16634 - 1 | min. 11,1%  | 12,8 %       |
| Lactose    | SOP D06 04 479           | min. 62%    | > 62%        |
| Ash        | ČSN 56 0116 - 4          | max. 11,5%  | 7,5%         |
| Acidity    | ČSN ISO 660              | max. 8,5 SH | 6,4 SH       |
| Solubility |                          | max. 0,5 ml |              |
| Solids     |                          | max. Disk B | Disk A       |

| Parameter      | Method      | Limit           | Usual result |
|----------------|-------------|-----------------|--------------|
| As             | ISO 17294-2 | max. 0,2 mg/kg  | < 0,10 mg/kg |
| Cu             | ISO 17294-2 | max. 2,5 mg/kg  | 0,5 mg/g     |
| Hg             | CSN 468735  | max. 0,02 mg/kg | 0,003 mg/kg  |
| Pb             | ISO 17294-2 | max. 0,02 mg/kg | 0,0          |
| Cs 134 and 137 |             | < 10 Bq/kg      |              |

| Radiology    | Method                 | Limit      | Usual result |
|--------------|------------------------|------------|--------------|
| Cs 134 a 137 | ISO 10703; ISO 18589-3 | < 10 Bq/kg | < 5 Bq/kg    |

| Mycotoxine   | Method       | Limit       | Usual result |
|--------------|--------------|-------------|--------------|
| Aflatoxin M1 | EN ISO 14501 | 0.010 µg/kg | <0.010 µg/kg |

|                 | Method                                      | Usual result  |
|-----------------|---|---------------|
| Melamine        | LC/MS/MS                                    | <0.15 mg/kg   |
| Energy          | CZ_SOP_D06_09_479 (EU Regulation 1169/2011) | 1510 kJ/100 g |
| Energetic value | CZ_SOP_D06_09_479 (EU Regulation 1169/2011) | 361 kal/100 g |

#### Allergens (EU reg. 1169/2011)

|   | Present                             | Not present                         |
|---|-------------------------------------|-------------------------------------|
| Cereals (containing gluten) and products thereof                    | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| Crustaceans and products thereof                                    | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| Eggs and products thereof   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| Fish and products thereof   | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| Peanuts and products thereof  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| Soy and products thereof  | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| Milk and products thereof <b>including Lactose and Milk protein</b> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |

|   |                          |                                     |
|---|--------------------------|-------------------------------------|
| Nuts and products thereof   | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Celery and products thereof   | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Mustard and products thereof  | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Sesame seeds and products thereof                                   | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Sulphur dioxide and sulphites at concentration higher than 10 Mg/Kg | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Lupines and products thereof  | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Molluscs and products thereof                                       | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

**Dietary / Nutrition**

|                       | <b>Suitable</b>                     | <b>Not suitable</b>                 |
|-----------------------|-------------------------------------|-------------------------------------|
| Ovo, Lacto Vegetarian | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| Lacto vegetarian      | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| Vegan                 | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| Kosher                | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| Halal                 | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |

**GMO:** Does not contain GMO (EC) No.1829/2003 and (EC) No. 18302003

**Ionization:** Neither the product nor the raw material has been treated by ionisation.

**MOSH/MOAH** Produced under controlled conditions minimizing the risk of mineral oil contamination. Based on supplier declarations, MOAH are not added and are not expected to be present above detectable limits. The products comply with applicable EU food safety requirements.

**Production:** Produced in accordance with the Czech National Food Law Requirements as well as all relevant EU regulations.

**Packaging:** **20 kg** multilayer kraft paper bags with inner PE liner (food contact certification), non-slip outer layer, heat sealed. Loaded on clean EUR / CHEP pallets up to max. recommended weight 720 Kg. Overlap of goods on all sides up to 5 cm.

400/750 kg - Big Bags with glued inner PE liner (food contact certification), ATEX B explosion-proof class, closed by goose neck. Loaded on net EUR / CHEP pallets.

**Label:** Each unit is labelled according to the legislative requirements (manufacturer, product, net and gross quantity, batch and date of packaging, expiration date, storage conditions), optionally additional information according to the customer's requirements.

**Storage:** Clean, dry, ventilated warehouses, at a maximum temperature of 24 ° C and a relative humidity of up to 70%.

**Transport:** In covered, clean, dry trucks without foreign smells.

**Expiry:** 24 months from packaging date

**MSDS: Material Safety Data:**

Product: No known health risks. Do not eat without water in recommended doses, do not inhale.

Packaging: All packaging fit for the product, do not reuse packaging, dispose of in environmentally friendly way, do not eat.

Pallets: Goods stored on pallets is to be treated with maximum attention to the safety of all handling staff.

**Certifications:** BRC, Sedex (ZS1017626), Halal, Kosher

**Issued on:** **15<sup>h</sup> of January 2026**

**Approved by:** Jan Pospisil  
CEO  
ALL-IMPEX a.s.