

SPEC007

В

Product name Le Gruyère AOP Classic

Legal description Swiss hard cheese, min. 49% fat in d. m.

Origin Switzerland Maturation 5-6 months

Ingredients Raw milk, salt, bacterial cultures, rennet

### **Company Information**

| Name           | Lustenberger & Dürst SA           |
|----------------|-----------------------------------|
| Address        | Langrüti 1, CH-6333 Hünenberg See |
| Country        | Switzerland                       |
| Telephone n°   | +41 (0)41 784 16 16               |
| Fax n°         | +41 (0)41 784 16 19               |
| Email          | info@lustenberger.com             |
| Health Mark    | CH 2115                           |
| Web            | www.le-superbe.com                |
| Certifications | BRC, IFS                          |
| Labels         |                                   |

### Product type / Packaging / Storage / Shelf life

| Туре     | Type of packaging  | Material of primary packaging | Storage    | Shelf life |
|----------|--|-------------------------------|------------|------------|
| Wheel    | Oversee: Cardboard box Europe: without packaging               | Cardboard                     | 12 - 14 °C | 120 days   |
| Wedge    | Vacuum packed in shrink bag                                    | PE/PA                         | 3 - 5 °C   | 90 days    |
| King cut | Vacuum packed in shrink bag                                    | PE/PA                         | 3 - 5 °C   | 90 days    |
| Stick    | Films with MAP (CO <sub>2</sub> /N <sub>2</sub> ), flow wrap   | OPA/PE                        | 3 - 5 °C   | 120 days   |
| Slice    | Thermoformed trays with MAP (CO <sub>2</sub> /N <sub>2</sub> ) | OPA/PE + PET/PE               | 3 - 5 °C   | 120 days   |
| Cube     | Bags with MAP (CO <sub>2</sub> /N <sub>2</sub> )               | PE-LD                         | 3 - 5 °C   | 90 days    |

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# **Chemical-physical parameters**

|                                 | Unit | Target | Tolerance   | Frequency |
|---------------------------------|------|--------|-------------|-----------|
| Fat                             | %    | 32     | 31 - 33     | 2 / year  |
| Moisture                        | %    | 36     | 34.5 – 36.9 | 2 / year  |
| Fat in dry mater (FiT)          | %    | 50     | 49 - 53     | 2 / year  |
| Water on a fat-free basis (Wff) | %    | 52     | 50 - 54     | 2 / year  |
| pH                              | %    | 5.7    | 5.4 - 5.9   | 2 / year  |

# Microbiological standards

|                        | Unit    | Target       | Tolerance | Frequency |
|------------------------|---------|--------------|-----------|-----------|
| Escherichia Coli       | cfu/g   | <10          | 10 cfu/g  | 2 / year  |
| Coagulase pos. Staph   | cfu/g   | <10          | 100 cfu/g | 2 / year  |
| Listeria monocytogenes | cfu/25g | absent / 25g | -         | 2 / year  |
| Salmonella             | cfu/25g | absent / 25g | -         | 2 / year  |

### Organoleptic criteria

| Colour  | ivory coloured to light yellow                 |
|---------|--|
| Flavour | mild, nutty, sweetish                          |
| Texture | hard, pressed-curd cheese with an elastic body |

# **List of Ingredients**

| Ingredients        | Supplier            | Country of origin | %     |
|--------------------|---------------------|-------------------|-------|
| Milk               | Swiss Farmers       | Switzerland       | 98.24 |
| Salt               | Salinen AG          | Switzerland       | 1.50  |
| Bacterial cultures | Agroscope Liebefeld | Switzerland       | 0.25  |
| Rennet             | Pacovis Amrein AG   | Denmark/Austria   | 0.01  |
|                    |                     |                   |       |
|                    |                     |                   |       |
|                    |                     |                   |       |
|                    |                     |                   |       |
|                    |                     |                   |       |
|                    |                     |                   |       |

### Details to Ingredients

| Raw milk         | $\boxtimes$ | Cow's milk | Animal rennet    | $\boxtimes$ |
|------------------|-------------|------------|------------------|-------------|
| Thermised milk   |             | Goat milk  | Microbial rennet |             |
| Pasteurized milk |             | Sheep milk |                  |             |
|                  |             |            |                  |             |



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# Chemical composition per 100g

| Moisture                    | g  | 36   |
|-----------------------------|----|------|
| Fat                         | g  | 32   |
| Saturated fatty acids       | g  | 19.4 |
| Trans fatty acids           | g  | 1.4  |
| Monounsaturated fatty acids | g  | 10.6 |
| Polyunsaturated fatty acids | g  | 2.0  |
| Cholesterol                 | mg | 90   |
| Carbohydrate                | g  | <0.5 |
| Sugars                      | g  | <0.5 |
| of which lactose            | g  | <0.1 |
| Dietary Fibre               | g  | 0    |
| Protein                     | g  | 27   |
| Salt                        | g  | 1.50 |
| Ash                         | g  | 4    |
| Minerals                    | g  | 4.5  |
| Sodium                      | mg | 600  |
| Calcium                     | mg | 880  |
| Iron                        | mg | 0.35 |
| Vitamin A                   | mg | 0.30 |
| Vitamin C                   | mg | 0    |

### **Nutritional Information per 100g**

| Energy                | kJ   | 1645 |
|-----------------------|------|------|
|                       | kcal | 398  |
| Fat                   | g    | 32   |
| Saturated fatty acids | g    | 19.4 |
| Carbohydrate          | g    | <0.5 |
| Sugars                | g    | 0    |
| Protein               | g    | 27   |
| Salt                  | q    | 1.50 |

# Allergen information

| Product is free from   |       |      |
|--|-------|------|
| Cereals containing gluten and products thereof               | Yes   | ☐ No |
| Crustaceans and products thereof                             | Yes   | ☐ No |
| Eggs and product thereof                                     | Yes   | ☐ No |
| Fish and products thereof                                    |       | ☐ No |
| Peanuts and products thereof                                 |       | ☐ No |
| Soybeans and product thereof                                 |       | ☐ No |
| Milk and and products thereof                                | ☐ Yes | ⊠ No |
| Nuts and products thereof                                    | Yes   | ☐ No |
| Celery and products thereof                                  | Yes   | ☐ No |
| Mustard and products thereof                                 | Yes   | ☐ No |
| Sesame seeds and products thereof                            |       | ☐ No |
| Sulphur dioxide and sulphites at concentrations of more than |       | ☐ No |
| 10 mg/kg or mg/lt expressed as SO2                           |       |      |
| Lupin and products thereof                                   |       | ☐ No |
| Molluscs and products thereof                                |       | ☐ No |



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#### Other information

| Product is also free from  |              |       |
|--|--------------|-------|
| Additives  |              | ☐ No  |
| Colours  |              | ☐ No  |
| Preservatives  |              | ☐ No  |
| Benzoates  |              | ☐ No  |
| Yellow Prussiate of Soda (YPS)                                   |              | ☐ No  |
| Glutamates   |              | ☐ No  |
| BHA / BHT  |              | ☐ No  |
| Sweeteners   |              | ☐ No  |
| Flavourings  |              | ☐ No  |
| Palm oil or products thereof                                     |              | ☐ No  |
| Cacao or products thereof  |              | ☐ No  |
|  |              |       |
| GMO  |              |       |
| Is the product GMO Free  | ⊠ Yes        | □No   |
| In accordance with regulation (EC)1829/2003 and (EC)1830/2003 CE | <u>⊠</u> 103 | □ 140 |
|  |              |       |
| Irradiation  |              |       |
| Is the product or its components irradiated                      | ☐Yes         | ⊠ No  |
| To the product of the compensation in adiation                   |              |       |
|  |              |       |
| Nanatechnology   |              |       |
| Were nanomaterials used for production                           | ☐Yes         | ⊠ No  |
|  |              |       |
|  |              |       |
| Product is suitable for  |              |       |
| Ovo-Lacto Vegetarians  | Yes          | ⊠ No  |
| Vegans   | Yes          | ⊠ No  |
| Kosher   | Yes          | ⊠ No  |
| Halal  | Yes          | ⊠ No  |
|  |              |       |

#### Instruction for use

Remove the cheese from the refrigerator and wait about 30 minutes before enjoying. During this time the full flavour will be developed.

Once opened, consume within 5 days and keep under refrigeration for storage.