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|-----------------------------------------------------------------------------------|----------------------------|----------|-----------|
|  |                            | Date     | 25.07.14. |
|                                                                                   | <b>HACCP Documentation</b> | Version  | 1.0       |
|                                                                                   | Product Description        | Document | OP-12     |
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Product name: **Cooking Cream 10% fat**

|                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                        |                                    |             |                        |                             |                      |                        |                              |                      |         |  |                                |                  |  |               |       |  |                 |       |  |         |       |  |      |        |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|------------------------------------|-------------|------------------------|-----------------------------|----------------------|------------------------|------------------------------|----------------------|---------|--|--------------------------------|------------------|--|---------------|-------|--|-----------------|-------|--|---------|-------|--|------|--------|--|
| 1. Product Trade Name                                                                                                                                                                                                                                                                   | Cooking cream 10% fat (0,5l, 0,2 l)                                                                                                                                                                                                                                                                                                                                                                                                                                      |                        |                                    |             |                        |                             |                      |                        |                              |                      |         |  |                                |                  |  |               |       |  |                 |       |  |         |       |  |      |        |  |
| 2. Type of Product                                                                                                                                                                                                                                                                      | UHT cream                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                        |                                    |             |                        |                             |                      |                        |                              |                      |         |  |                                |                  |  |               |       |  |                 |       |  |         |       |  |      |        |  |
| 3. Ingredients                                                                                                                                                                                                                                                                          | Sterilized, homogenized <b>cream</b> with 10% milk fat, modified corn starch, emulsifier: monoglycerides and diglycerides of fatty acids, thickener: carrageenan                                                                                                                                                                                                                                                                                                         |                        |                                    |             |                        |                             |                      |                        |                              |                      |         |  |                                |                  |  |               |       |  |                 |       |  |         |       |  |      |        |  |
| 4. Nutritional Information                                                                                                                                                                                                                                                              | <table><tr><td></td><td colspan="2">in 100 g</td></tr><tr><td>Energy</td><td>485 kJ</td><td>116 kcal</td></tr><tr><td>Fat</td><td colspan="2">10,0 g</td></tr><tr><td>of which saturated fatty acids</td><td colspan="2">7,2 g</td></tr><tr><td>Carbohydrates</td><td colspan="2">3,6 g</td></tr><tr><td>Of which sugars</td><td colspan="2">3,6 g</td></tr><tr><td>Protein</td><td colspan="2">3,0 g</td></tr><tr><td>Salt</td><td colspan="2">0,12 g</td></tr></table> |                        |                                    |             | in 100 g               |                             | Energy               | 485 kJ                 | 116 kcal                     | Fat                  | 10,0 g  |  | of which saturated fatty acids | 7,2 g            |  | Carbohydrates | 3,6 g |  | Of which sugars | 3,6 g |  | Protein | 3,0 g |  | Salt | 0,12 g |  |
|                                                                                                                                                                                                                                                                                         | in 100 g                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                        |                                    |             |                        |                             |                      |                        |                              |                      |         |  |                                |                  |  |               |       |  |                 |       |  |         |       |  |      |        |  |
| Energy                                                                                                                                                                                                                                                                                  | 485 kJ                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 116 kcal               |                                    |             |                        |                             |                      |                        |                              |                      |         |  |                                |                  |  |               |       |  |                 |       |  |         |       |  |      |        |  |
| Fat                                                                                                                                                                                                                                                                                     | 10,0 g                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                        |                                    |             |                        |                             |                      |                        |                              |                      |         |  |                                |                  |  |               |       |  |                 |       |  |         |       |  |      |        |  |
| of which saturated fatty acids                                                                                                                                                                                                                                                          | 7,2 g                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                        |                                    |             |                        |                             |                      |                        |                              |                      |         |  |                                |                  |  |               |       |  |                 |       |  |         |       |  |      |        |  |
| Carbohydrates                                                                                                                                                                                                                                                                           | 3,6 g                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                        |                                    |             |                        |                             |                      |                        |                              |                      |         |  |                                |                  |  |               |       |  |                 |       |  |         |       |  |      |        |  |
| Of which sugars                                                                                                                                                                                                                                                                         | 3,6 g                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                        |                                    |             |                        |                             |                      |                        |                              |                      |         |  |                                |                  |  |               |       |  |                 |       |  |         |       |  |      |        |  |
| Protein                                                                                                                                                                                                                                                                                 | 3,0 g                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                        |                                    |             |                        |                             |                      |                        |                              |                      |         |  |                                |                  |  |               |       |  |                 |       |  |         |       |  |      |        |  |
| Salt                                                                                                                                                                                                                                                                                    | 0,12 g                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                        |                                    |             |                        |                             |                      |                        |                              |                      |         |  |                                |                  |  |               |       |  |                 |       |  |         |       |  |      |        |  |
| 5. Allergens                                                                                                                                                                                                                                                                            | Milk and dairy products (including lactose)                                                                                                                                                                                                                                                                                                                                                                                                                              |                        |                                    |             |                        |                             |                      |                        |                              |                      |         |  |                                |                  |  |               |       |  |                 |       |  |         |       |  |      |        |  |
| 6. General Quality Terms                                                                                                                                                                                                                                                                | <b>Sensory properties</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                |                        |                                    |             |                        |                             |                      |                        |                              |                      |         |  |                                |                  |  |               |       |  |                 |       |  |         |       |  |      |        |  |
|                                                                                                                                                                                                                                                                                         | <table><tr><td>Appearance</td><td colspan="2">Uniform (thick) liquid</td></tr><tr><td>Color</td><td colspan="2">White or white- yellow</td></tr><tr><td>Odor</td><td colspan="2">Milky</td></tr><tr><td>Flavor</td><td colspan="2">Pleasantly sweet</td></tr></table>                                                                                                                                                                                                    |                        |                                    | Appearance  | Uniform (thick) liquid |                             | Color                | White or white- yellow |                              | Odor                 | Milky   |  | Flavor                         | Pleasantly sweet |  |               |       |  |                 |       |  |         |       |  |      |        |  |
|                                                                                                                                                                                                                                                                                         | Appearance                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Uniform (thick) liquid |                                    |             |                        |                             |                      |                        |                              |                      |         |  |                                |                  |  |               |       |  |                 |       |  |         |       |  |      |        |  |
|                                                                                                                                                                                                                                                                                         | Color                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | White or white- yellow |                                    |             |                        |                             |                      |                        |                              |                      |         |  |                                |                  |  |               |       |  |                 |       |  |         |       |  |      |        |  |
|                                                                                                                                                                                                                                                                                         | Odor                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Milky                  |                                    |             |                        |                             |                      |                        |                              |                      |         |  |                                |                  |  |               |       |  |                 |       |  |         |       |  |      |        |  |
| Flavor                                                                                                                                                                                                                                                                                  | Pleasantly sweet                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                        |                                    |             |                        |                             |                      |                        |                              |                      |         |  |                                |                  |  |               |       |  |                 |       |  |         |       |  |      |        |  |
| <b>Chemical / physical</b>                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                        |                                    |             |                        |                             |                      |                        |                              |                      |         |  |                                |                  |  |               |       |  |                 |       |  |         |       |  |      |        |  |
| <table><tr><td></td><td>Ideal value</td><td>Tolerance range</td></tr><tr><td>% fat</td><td>10,0</td><td>9,5-10,5</td></tr><tr><td>pH</td><td>6,6</td><td>6,5-6,7</td></tr></table>                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                        |                                    | Ideal value | Tolerance range        | % fat                       | 10,0                 | 9,5-10,5               | pH                           | 6,6                  | 6,5-6,7 |  |                                |                  |  |               |       |  |                 |       |  |         |       |  |      |        |  |
|                                                                                                                                                                                                                                                                                         | Ideal value                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Tolerance range        |                                    |             |                        |                             |                      |                        |                              |                      |         |  |                                |                  |  |               |       |  |                 |       |  |         |       |  |      |        |  |
| % fat                                                                                                                                                                                                                                                                                   | 10,0                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 9,5-10,5               |                                    |             |                        |                             |                      |                        |                              |                      |         |  |                                |                  |  |               |       |  |                 |       |  |         |       |  |      |        |  |
| pH                                                                                                                                                                                                                                                                                      | 6,6                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 6,5-6,7                |                                    |             |                        |                             |                      |                        |                              |                      |         |  |                                |                  |  |               |       |  |                 |       |  |         |       |  |      |        |  |
| <b>Microbiological</b>                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                        |                                    |             |                        |                             |                      |                        |                              |                      |         |  |                                |                  |  |               |       |  |                 |       |  |         |       |  |      |        |  |
| <table><tr><td>After thermostating at 35°C 5 days</td><td>Methods</td><td>cfu / ml</td></tr><tr><td>Aerobic mesophilic bacteria</td><td>BAS EN ISO 4833:2006</td><td>&lt; 1</td></tr><tr><td>Sulphite reducing clostridia</td><td>BAS ISO 15213 : 2008</td><td>&lt; 1</td></tr></table> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                        | After thermostating at 35°C 5 days | Methods     | cfu / ml               | Aerobic mesophilic bacteria | BAS EN ISO 4833:2006 | < 1                    | Sulphite reducing clostridia | BAS ISO 15213 : 2008 | < 1     |  |                                |                  |  |               |       |  |                 |       |  |         |       |  |      |        |  |
| After thermostating at 35°C 5 days                                                                                                                                                                                                                                                      | Methods                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | cfu / ml               |                                    |             |                        |                             |                      |                        |                              |                      |         |  |                                |                  |  |               |       |  |                 |       |  |         |       |  |      |        |  |
| Aerobic mesophilic bacteria                                                                                                                                                                                                                                                             | BAS EN ISO 4833:2006                                                                                                                                                                                                                                                                                                                                                                                                                                                     | < 1                    |                                    |             |                        |                             |                      |                        |                              |                      |         |  |                                |                  |  |               |       |  |                 |       |  |         |       |  |      |        |  |
| Sulphite reducing clostridia                                                                                                                                                                                                                                                            | BAS ISO 15213 : 2008                                                                                                                                                                                                                                                                                                                                                                                                                                                     | < 1                    |                                    |             |                        |                             |                      |                        |                              |                      |         |  |                                |                  |  |               |       |  |                 |       |  |         |       |  |      |        |  |

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|                                                                                   | <b>HACCP Documentation</b> | Version   | 1.0       |
|                                                                                   | Product Description        | Docurment | OP-12     |
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|                                              |                                                                                                                                     |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| 7. Packaging                                 | Multilayer (cardboard/Al Tetrapak) packaging of 0,5 l, 0,2 l<br>Transport Packaging - cardboard boxes – 12 pcs (6l); 24 pcs (4,8 l) |
| 8. Handling Instructions (on packaging)      | After opening, keep refrigerated and use within 3-4 days                                                                            |
| 9. Shelf Life                                | 180 days ( <i>Best Before</i> by the date marked on the packaging)                                                                  |
| 10. Conditions of Storage / Transportation   | Store at temperature from 4°C to 24°C                                                                                               |
| 11. How to Use the Product                   | Ready to use / food supplement                                                                                                      |
| 12. Purpose                                  | Product contains lactose                                                                                                            |
| 13. Production Treatment                     | Standardization, sterilization at 140°C 2 seconds, cooling and filling under aseptic conditions                                     |
| 14. Information about the Legal Requirements | The product is in accordance with the relevant legal requirements of Bosnia & Herzegovina and the EU.                               |
| 15. Certificates                             | IFS Food Version 6, Halal                                                                                                           |
| 16. Producer                                 | Meggle Mljekara Bihać d.o.o., Grabeška 34, 77000 Bihać, Country of origin: Bosna & Herzegovina                                      |

Gora Jelić

/Quality Control/

Siniša Matutinović

/Quality Manager/

Senad Miskiće

/Plant Manager/