



**Eastern Laboratory Services**

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**Certificate of Analysis**

**RAW MILK**  
**FATTY ACIDS PROFILE**  
 Production date : 2024-01-03  
 Use before : 2024-02-06  
 Lot: ProAG-01-2024

| Weight / Weight (%) |      |      |      |      |      |      |      |      |
|---------------------|------|------|------|------|------|------|------|------|
| #                   | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    |
| <b>Fat</b>          | 2.97 | 3.42 | 4.14 | 4.85 | 4.98 | 5.13 | 5.16 | 5.62 |
| <b>Total FA</b>     | 2.71 | 3.11 | 3.76 | 4.44 | 4.56 | 4.64 | 4.64 | 5.15 |

| Sample | C14:0 | C16:0 | C18:0 | C18:1 | SCFA | MCFA | LCFA |
|--------|-------|-------|-------|-------|------|------|------|
| 1      | 0.30  | 0.84  | 0.27  | 0.58  | 0.26 | 1.29 | 0.91 |
| 2      | 0.34  | 0.97  | 0.29  | 0.69  | 0.30 | 1.50 | 1.03 |
| 3      | 0.42  | 1.22  | 0.32  | 0.78  | 0.37 | 1.88 | 1.17 |
| 4      | 0.52  | 1.47  | 0.43  | 0.83  | 0.47 | 2.27 | 1.33 |
| 5      | 0.52  | 1.64  | 0.40  | 0.79  | 0.49 | 2.46 | 1.25 |
| 6      | 0.56  | 1.61  | 0.43  | 0.76  | 0.52 | 2.49 | 1.25 |
| 7      | 0.53  | 1.52  | 0.37  | 0.96  | 0.47 | 2.36 | 1.40 |
| 8      | 0.58  | 1.89  | 0.46  | 0.85  | 0.56 | 2.81 | 1.38 |

| Sample | SFA  | UFA  | MUFA | PUFA | De Novo | Mixed | Preformed |
|--------|------|------|------|------|---------|-------|-----------|
| 1      | 1.83 | 0.83 | 0.70 | 0.13 | 0.69    | 0.89  | 1.07      |
| 2      | 2.08 | 0.97 | 0.83 | 0.15 | 0.79    | 1.03  | 1.23      |
| 3      | 2.57 | 1.12 | 0.95 | 0.17 | 0.99    | 1.29  | 1.39      |
| 4      | 3.17 | 1.19 | 1.02 | 0.18 | 1.23    | 1.55  | 1.57      |
| 5      | 3.33 | 1.16 | 0.98 | 0.17 | 1.27    | 1.72  | 1.48      |
| 6      | 3.45 | 1.11 | 0.95 | 0.16 | 1.36    | 1.69  | 1.49      |
| 7      | 3.18 | 1.39 | 1.17 | 0.22 | 1.25    | 1.62  | 1.69      |
| 8      | 3.82 | 1.24 | 1.06 | 0.18 | 1.44    | 1.98  | 1.63      |

Testing date : 2024-01-16

Jean-Philippe Angers, M.Sc, Chimiste  
 Date: 2024-01-19

| Notes  |
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| If applicable, this version replaces all previous issues.  |
| This document is confidential.   |
| Results and comments, if applicable, are only related to the above samples.                          |
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End of report