



Eastern Laboratory Services

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Certificate of Analysis

RAW MILK
FATTY ACIDS PROFILE
Production date : 2024-05-07
Use before : 2024-06-11
Lot: ProAG-05-2024

| Weight / Weight (%) | | | | | | | | |
|---------------------|------|------|------|------|------|------|------|------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| Fat | 3.27 | 3.42 | 4.21 | 4.41 | 4.73 | 5.12 | 5.23 | 5.22 |
| Total FA | 2.89 | 3.04 | 3.72 | 3.86 | 4.14 | 4.53 | 4.58 | 4.56 |

| Sample | C14:0 | C16:0 | C18:0 | C18:1 | SCFA | MCFA | LCFA |
|--------|-------|-------|-------|-------|------|------|------|
| 1 | 0.34 | 0.95 | 0.25 | 0.59 | 0.29 | 1.48 | 0.89 |
| 2 | 0.34 | 0.99 | 0.27 | 0.65 | 0.30 | 1.53 | 0.98 |
| 3 | 0.42 | 1.27 | 0.32 | 0.75 | 0.37 | 1.92 | 1.14 |
| 4 | 0.44 | 1.25 | 0.35 | 0.81 | 0.39 | 1.94 | 1.22 |
| 5 | 0.47 | 1.41 | 0.35 | 0.84 | 0.41 | 2.15 | 1.24 |
| 6 | 0.53 | 1.51 | 0.47 | 0.88 | 0.48 | 2.32 | 1.40 |
| 7 | 0.51 | 1.45 | 0.42 | 1.01 | 0.47 | 2.25 | 1.51 |
| 8 | 0.57 | 1.57 | 0.44 | 0.75 | 0.52 | 2.45 | 1.26 |

| Sample | SFA | UFA | MUFA | PUFA | De Novo | Mixed | Preformed |
|--------|------|------|------|------|---------|-------|-----------|
| 1 | 2.01 | 0.82 | 0.72 | 0.10 | 0.79 | 1.01 | 1.03 |
| 2 | 2.08 | 0.91 | 0.79 | 0.12 | 0.80 | 1.05 | 1.12 |
| 3 | 2.60 | 1.06 | 0.92 | 0.14 | 0.98 | 1.34 | 1.31 |
| 4 | 2.66 | 1.13 | 0.99 | 0.15 | 1.04 | 1.33 | 1.41 |
| 5 | 2.90 | 1.17 | 1.03 | 0.14 | 1.10 | 1.49 | 1.46 |
| 6 | 3.25 | 1.20 | 1.08 | 0.13 | 1.25 | 1.59 | 1.60 |
| 7 | 3.11 | 1.40 | 1.22 | 0.18 | 1.22 | 1.54 | 1.73 |
| 8 | 3.41 | 1.08 | 0.93 | 0.15 | 1.38 | 1.65 | 1.45 |

Testing date : 2024-05-08




Jean-Philippe Angers, M.Sc, Chimiste

Date: 2024-05-16

| 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