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Certificate of Analysis

REFERENCE MATERIAL : RAW MILK
FATTY ACIDS PROFILE
Lot: ProAG-06-2025
Production date : 2025-06-03
Use before : 2025-07-08

Weight / Weight (%)								
	1	**2**	**3**	**4**	**5**	**6**	**7**	**8**
Fat	2.94	3.39	4.15	4.41	4.67	5.16	5.22	5.33
Total FA	2.60	3.01	3.70	3.90	4.15	4.62	4.61	4.72

QMR-153							
Sample	**C14:0**	**C16:0**	**C18:0**	**C18:1**	**SCFA**	**MCFA**	**LCFA**
1	0.29	0.81	0.25	0.57	0.26	1.27	0.88
2	0.34	0.97	0.28	0.66	0.30	1.50	1.00
3	0.40	1.20	0.35	0.81	0.38	1.82	1.25
4	0.47	1.31	0.34	0.73	0.42	2.05	1.15
5	0.49	1.42	0.37	0.77	0.45	2.19	1.21
6	0.53	1.52	0.49	0.91	0.51	2.34	1.48
7	0.51	1.37	0.54	1.05	0.49	2.16	1.67
8	0.60	1.65	0.42	0.74	0.57	2.61	1.24

Sample	**SFA**	**UFA**	**MUFA**	**PUFA**	**De Novo**	**Mixed**	**Preformed**
1	1.78	0.76	0.66	0.10	0.69	0.86	0.99
2	2.07	0.88	0.76	0.12	0.80	1.02	1.13
3	2.54	1.08	0.93	0.15	0.97	1.26	1.40
4	2.81	1.01	0.86	0.14	1.13	1.38	1.32
5	3.01	1.05	0.91	0.14	1.18	1.50	1.39
6	3.32	1.20	1.05	0.15	1.29	1.60	1.64
7	3.17	1.35	1.20	0.15	1.24	1.45	1.84
8	3.59	1.04	0.90	0.14	1.50	1.73	1.41

Date tested : 2025-06-04 + 2025-06-11

Jean-Philippe Angers, M.Sc, Chimiste
Date: 2025-06-13

Intended use : To be used as RM for the calibration of infrared instruments.

Instruction : This RM should be immediately stored to maintain a temperature between 2 and 8°C. It is recommended to heat this RM at 40°C before use for proper homogeneisation of fat and samples should be discarded after use.

Normal use of this RM fulfills the traceability requirements of ISO-17025.

Homogeneity and stability studies are available for this RM.

Where provided, uncertainty corresponds to the expanded uncertainty at a confidence level of 95% using a coverage factor of k=2.

Notes
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