



Eastern Laboratory Services

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Certificate of Analysis

REFERENCE MATERIAL : RAW MILK

FATTY ACIDS PROFILE

Lot: ProAG-09-2025

Production date : 2025-09-02

Use before : 2025-10-07

Weight / Weight (%)								
	1	2	3	4	5	6	7	8
Fat	2.96	3.42	4.07	4.50	4.81	5.19	5.78	5.90
Total FA	2.66	3.04	3.65	4.03	4.30	4.63	5.14	5.19

QMR-153								
Sample	C14:0	C16:0	C18:0	C18:1	SCFA	MCFA	LCFA	
1	0.30	0.90	0.24	0.57	0.27	1.37	0.86	
2	0.35	1.03	0.25	0.63	0.31	1.59	0.93	
3	0.40	1.23	0.32	0.80	0.36	1.85	1.20	
4	0.49	1.39	0.35	0.75	0.44	2.15	1.18	
5	0.52	1.49	0.39	0.81	0.47	2.30	1.25	
6	0.53	1.43	0.51	0.99	0.49	2.24	1.58	
7	0.57	1.73	0.43	1.09	0.53	2.64	1.63	
8	0.58	1.96	0.48	0.87	0.58	2.89	1.43	

Sample	SFA	UFA	MUFA	PUFA	De Novo	Mixed	Preformed	
1	1.85	0.74	0.65	0.09	0.70	0.95	0.95	
2	2.12	0.84	0.73	0.11	0.83	1.09	1.05	
3	2.50	1.06	0.92	0.14	0.94	1.30	1.34	
4	2.93	1.01	0.88	0.13	1.17	1.46	1.32	
5	3.13	1.06	0.95	0.12	1.24	1.56	1.42	
6	3.24	1.28	1.13	0.15	1.27	1.51	1.75	
7	3.56	1.45	1.26	0.20	1.39	1.83	1.83	
8	3.91	1.17	1.04	0.13	1.46	2.06	1.58	

Date tested : 2025-09-04

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 homogenisation 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.

Jean-Philippe Angers, M.Sc, Chimiste
Date: 2025-09-11

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