



Eastern Laboratory Services

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Certificate of Analysis
REFERENCE MATERIAL : RAW MILK
FATTY ACIDS PROFILE
Lot: ProAG-03-2025
Production date : 2025-03-04
Use before : 2025-04-08

Weight / Weight (%)								
	1	2	3	4	5	6	7	8
Fat	3.00	3.50	4.31	4.50	4.77	5.14	5.54	4.81
Total FA	2.64	3.08	3.80	3.98	4.20	4.51	4.87	4.19

QMR-153								
Sample	C14:0	C16:0	C18:0	C18:1	SCFA	MCFA	LCFA	
1	0.31	0.89	0.24	0.53	0.28	1.37	0.82	
2	0.33	1.02	0.29	0.70	0.30	1.53	1.05	
3	0.43	1.29	0.34	0.80	0.39	1.96	1.22	
4	0.47	1.34	0.36	0.77	0.43	2.08	1.21	
5	0.48	1.40	0.37	0.85	0.44	2.16	1.31	
6	0.51	1.56	0.43	0.89	0.48	2.35	1.40	
7	0.57	1.64	0.53	0.93	0.52	2.53	1.53	
8	0.50	1.52	0.32	0.76	0.43	2.30	1.16	

Sample	SFA	UFA	MUFA	PUFA	De Novo	Mixed	Preformed	
1	1.88	0.71	0.61	0.10	0.73	0.94	0.92	
2	2.09	0.92	0.80	0.12	0.77	1.08	1.17	
3	2.66	1.06	0.92	0.14	1.01	1.36	1.36	
4	2.85	1.04	0.90	0.14	1.12	1.41	1.37	
5	2.96	1.15	0.99	0.15	1.16	1.48	1.48	
6	3.25	1.16	1.01	0.15	1.22	1.64	1.57	
7	3.56	1.22	1.08	0.14	1.37	1.72	1.69	
8	3.04	1.05	0.91	0.14	1.17	1.60	1.33	

Date tested : 2025-03-10

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: 2025-03-14

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