



Eastern Laboratory Services

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Certificate of Analysis
REFERENCE MATERIAL : RAW MILK
FATTY ACIDS PROFILE
Lot: ProAG-04-2025
Production date : 2025-04-01
Use before : 2025-05-06

Weight / Weight (%)								
	1	2	3	4	5	6	7	8
Fat	3.02	3.37	4.29	4.49	4.78	5.11	5.56	5.39
Total FA	2.74	3.03	3.83	3.99	4.25	4.57	4.99	4.81

QMR-153								
Sample	C14:0	C16:0	C18:0	C18:1	SCFA	MCFA	LCFA	
1	0.33	0.92	0.25	0.54	0.28	1.42	0.84	
2	0.34	1.01	0.27	0.63	0.31	1.55	0.96	
3	0.43	1.29	0.34	0.79	0.39	1.97	1.21	
4	0.49	1.36	0.33	0.73	0.43	2.13	1.14	
5	0.47	1.42	0.42	0.91	0.42	2.15	1.41	
6	0.51	1.60	0.43	0.90	0.48	2.39	1.41	
7	0.59	1.64	0.52	0.98	0.53	2.56	1.58	
8	0.62	1.68	0.43	0.75	0.58	2.66	1.27	

Sample	SFA	UFA	MUFA	PUFA	De Novo	Mixed	Preformed	
1	1.94	0.73	0.64	0.09	0.76	0.97	0.95	
2	2.11	0.85	0.74	0.12	0.81	1.07	1.09	
3	2.68	1.06	0.92	0.14	1.03	1.37	1.36	
4	2.88	1.02	0.87	0.15	1.16	1.43	1.31	
5	2.97	1.19	1.04	0.15	1.10	1.49	1.57	
6	3.29	1.19	1.03	0.15	1.24	1.67	1.58	
7	3.59	1.29	1.15	0.15	1.41	1.72	1.76	
8	3.67	1.04	0.89	0.15	1.53	1.76	1.44	

Date tested : 2025-04-02

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: 2025-04-10

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