



Eastern Laboratory Services

1035 Medina Road, Suite 500

Medina, Ohio 44256

877-357-5227

elslab.com/standards/

Services rendered by Lactanet Canada

Certificate of Analysis

REFERENCE MATERIAL : RAW MILK

FATTY ACIDS PROFILE

Lot: ProAG-07-2025

Production date : 2025-07-08

Use before : 2025-08-12

Weight / Weight (%)								
	1	2	3	4	5	6	7	8
Fat	3.07	3.42	4.13	4.50	4.83	5.15	4.76	4.94
Total FA	2.71	3.00	3.66	3.98	4.27	4.55	4.17	4.33

QMR-153								
Sample	C14:0	C16:0	C18:0	C18:1	SCFA	MCFA	LCFA	
1	0.29	0.89	0.27	0.62	0.26	1.33	0.94	
2	0.35	0.99	0.27	0.62	0.32	1.53	0.96	
3	0.41	1.23	0.33	0.78	0.37	1.87	1.19	
4	0.46	1.29	0.41	0.82	0.43	2.00	1.29	
5	0.54	1.50	0.39	0.71	0.50	2.34	1.18	
6	0.51	1.51	0.50	0.91	0.50	2.30	1.49	
7	0.44	1.21	0.51	1.03	0.42	1.88	1.62	
8	0.56	1.54	0.39	0.68	0.52	2.41	1.15	

Sample	SFA	UFA	MUFA	PUFA	De Novo	Mixed	Preformed	
1	1.84	0.80	0.70	0.10	0.67	0.93	1.05	
2	2.11	0.83	0.72	0.11	0.83	1.03	1.08	
3	2.55	1.03	0.90	0.13	0.97	1.30	1.32	
4	2.83	1.07	0.94	0.12	1.10	1.36	1.44	
5	3.22	0.98	0.85	0.13	1.31	1.56	1.32	
6	3.28	1.18	1.05	0.14	1.26	1.58	1.64	
7	2.79	1.30	1.17	0.14	1.04	1.29	1.76	
8	3.31	0.94	0.82	0.13	1.37	1.60	1.29	

Date tested : 2025-07-09

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: 2025-07-16

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.
This certificate shall not be reproduced except in full, without written approval of the laboratory.

End of report