



Eastern Laboratory Services

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Certificate of Analysis
REFERENCE MATERIAL : RAW MILK
FATTY ACIDS PROFILE
Lot: ProAG-05-2025
Production date : 2025-05-06
Use before : 2025-06-10

Weight / Weight (%)								
	1	2	3	4	5	6	7	8
Fat	3.00	3.36	4.28	4.53	4.76	5.10	5.52	5.21
Total FA	2.67	3.00	3.82	4.05	4.26	4.57	4.89	4.64

QMR-153								
Sample	C14:0	C16:0	C18:0	C18:1	SCFA	MCFA	LCFA	
1	0.29	0.90	0.25	0.57	0.27	1.35	0.87	
2	0.33	0.98	0.29	0.65	0.30	1.49	1.01	
3	0.42	1.27	0.35	0.82	0.38	1.93	1.25	
4	0.43	1.26	0.39	0.94	0.41	1.94	1.43	
5	0.51	1.49	0.37	0.79	0.46	2.29	1.24	
6	0.49	1.59	0.46	0.90	0.49	2.36	1.45	
7	0.56	1.49	0.55	1.05	0.54	2.36	1.69	
8	0.59	1.67	0.39	0.71	0.55	2.60	1.18	

Sample	SFA	UFA	MUFA	PUFA	De Novo	Mixed	Preformed	
1	1.85	0.76	0.66	0.10	0.70	0.95	0.98	
2	2.07	0.86	0.75	0.12	0.79	1.03	1.13	
3	2.65	1.09	0.95	0.14	1.00	1.35	1.40	
4	2.72	1.24	1.07	0.17	1.04	1.34	1.60	
5	3.08	1.09	0.94	0.15	1.21	1.57	1.40	
6	3.29	1.19	1.03	0.16	1.22	1.66	1.61	
7	3.43	1.36	1.21	0.15	1.37	1.58	1.85	
8	3.54	1.01	0.86	0.15	1.46	1.75	1.36	

Date tested : 2025-05-07 + 2025-05-13

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 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: 2025-05-16

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.
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End of report