



Eastern Laboratory Services

1035 Medina Road, Suite 500
Medina, Ohio 44256
877-357-5227
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Certificate of Analysis
REFERENCE MATERIAL : RAW MILK
FATTY ACIDS PROFILE
Lot: ProAG-12-2024
Production date : 2024-12-03
Use before : 2025-01-07

Weight / Weight (%)								
	1	2	3	4	5	6	7	8
Fat	3.08	3.34	4.26	4.50	4.82	5.16	5.21	5.80
Total FA	2.76	3.00	3.85	4.03	4.32	4.60	4.68	5.19

QMR-153							
Sample	C14:0	C16:0	C18:0	C18:1	SCFA	MCFA	LCFA
1	0.31	0.91	0.26	0.59	0.28	1.39	0.91
2	0.34	0.99	0.28	0.64	0.31	1.51	0.98
3	0.43	1.28	0.35	0.81	0.39	1.96	1.24
4	0.48	1.35	0.36	0.80	0.42	2.09	1.23
5	0.48	1.52	0.40	0.86	0.44	2.27	1.34
6	0.57	1.49	0.45	0.88	0.52	2.38	1.42
7	0.52	1.52	0.43	1.01	0.47	2.34	1.56
8	0.58	1.99	0.51	0.85	0.57	2.91	1.43

Sample	SFA	UFA	MUFA	PUFA	De Novo	Mixed	Preformed
1	1.92	0.78	0.68	0.11	0.73	0.96	1.01
2	2.08	0.85	0.73	0.12	0.80	1.04	1.10
3	2.66	1.10	0.95	0.15	1.02	1.36	1.39
4	2.85	1.08	0.93	0.15	1.11	1.43	1.40
5	3.09	1.14	0.99	0.15	1.13	1.60	1.50
6	3.32	1.19	1.03	0.16	1.37	1.57	1.58
7	3.21	1.37	1.17	0.20	1.23	1.61	1.74
8	3.95	1.14	1.01	0.13	1.43	2.08	1.60

Date tested : 2024-12-04

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: 2024-12-10

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