



Eastern Laboratory Services

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Certificate of Analysis
REFERENCE MATERIAL : RAW MILK
FATTY ACIDS PROFILE
Lot: ProAG-11-2024
Production date : 2024-11-06
Use before : 2024-12-10

Weight / Weight (%)								
	1	2	3	4	5	6	7	8
Fat	2.99	3.46	4.27	4.43	4.76	5.12	5.21	5.60
Total FA	2.65	3.11	3.85	3.97	4.24	4.61	4.77	5.04

QMR-153							
Sample	C14:0	C16:0	C18:0	C18:1	SCFA	MCFA	LCFA
1	0.31	0.87	0.24	0.57	0.27	1.34	0.86
2	0.35	1.04	0.28	0.65	0.31	1.59	0.99
3	0.43	1.26	0.36	0.83	0.39	1.93	1.27
4	0.41	1.38	0.35	0.88	0.38	2.02	1.32
5	0.51	1.45	0.35	0.80	0.45	2.26	1.24
6	0.53	1.52	0.45	0.95	0.49	2.34	1.49
7	0.51	1.56	0.44	1.08	0.47	2.37	1.62
8	0.64	1.79	0.43	0.82	0.58	2.79	1.35

Sample	SFA	UFA	MUFA	PUFA	De Novo	Mixed	Preformed
1	1.82	0.77	0.66	0.10	0.71	0.92	0.97
2	2.16	0.88	0.76	0.12	0.82	1.11	1.12
3	2.65	1.11	0.96	0.15	1.01	1.34	1.42
4	2.72	1.16	1.00	0.16	0.97	1.46	1.47
5	3.04	1.10	0.94	0.16	1.22	1.53	1.41
6	3.25	1.27	1.11	0.16	1.27	1.60	1.66
7	3.25	1.41	1.23	0.18	1.22	1.66	1.81
8	3.78	1.16	0.98	0.18	1.53	1.88	1.54

Date tested : 2024-11-11

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: 2024-11-14

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