



Eastern Laboratory Services

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Certificate of Analysis

REFERENCE MATERIAL : RAW MILK

FATTY ACIDS PROFILE

Lot: ProAG-10-2025

Production date : 2025-09-30

Use before : 2025-11-04

Weight / Weight (%)								
	1	2	3	4	5	6	7	8
Fat	3,05	3,39	4,26	4,44	4,76	5,11	5,59	5,79
Total FA	2,75	3,09	3,89	4,06	4,32	4,67	5,05	5,24

QMR-153								
Sample	C14:0	C16:0	C18:0	C18:1	SCFA	MCFA	LCFA	
1	0,30	0,93	0,26	0,59	0,28	1,40	0,90	
2	0,32	1,05	0,28	0,69	0,30	1,55	1,04	
3	0,42	1,32	0,34	0,84	0,39	1,99	1,26	
4	0,39	1,53	0,36	0,86	0,37	2,16	1,29	
5	0,49	1,49	0,39	0,89	0,43	2,24	1,36	
6	0,50	1,70	0,41	0,89	0,48	2,51	1,40	
7	0,56	1,69	0,45	1,09	0,51	2,57	1,66	
8	0,56	2,02	0,46	0,94	0,54	2,92	1,49	

Sample	SFA	UFA	MUFA	PUFA	De Novo	Mixed	Preformed	
1	1,91	0,77	0,67	0,10	0,72	0,98	1,00	
2	2,11	0,91	0,79	0,12	0,77	1,11	1,16	
3	2,69	1,10	0,96	0,14	1,01	1,39	1,40	
4	2,84	1,13	1,00	0,13	0,94	1,62	1,42	
5	3,03	1,19	1,05	0,14	1,13	1,58	1,51	
6	3,37	1,20	1,05	0,15	1,25	1,79	1,54	
7	3,49	1,44	1,26	0,18	1,33	1,79	1,83	
8	3,87	1,27	1,12	0,15	1,38	2,12	1,65	

Date tested : 2025-10-01 + 2025-10-10

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: 2025-10-10

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