

Table 2. Fatty acid profile [% of total fatty acids] of fat of the rennet cheese samples produced with the starter cultures tested (n= 6).

Fatty acid	Milk	KM fresh	KMC fresh	KMP fresh	KMCP fresh	KM matured	KMC matured	KMP matured	KMCP matured
C4:0	2.33 ^a ±0.02	2.47 ^a ±0.50	1.90 ^a ±0.08	2.37 ^a ±0.27	2.28 ^a ±0.06	2.07 ^a ±0.06	2.24 ^a ±0.08	2.10 ^a ±0.06	2.36 ^a ±0.09
C6:0	1.88 ^a ±0.11	2.00 ^a ±0.49	1.63 ^a ±0.08	1.97 ^a ±0.20	1.85 ^a ±0.07	1.59 ^a ±0.23	1.77 ^a ±0.09	1.79 ^a ±0.08	1.87 ^a ±0.09
C8:0	1.39 ^a ±0.15	1.46 ^a ±0.34	1.19 ^a ±0.10	1.42 ^a ±0.17	1.29 ^a ±0.08	1.14 ^a ±0.13	1.21 ^a ±0.12	1.27 ^a ±0.10	1.27 ^a ±0.08
C10:0	3.01 ^a ±0.07	3.27 ^a ±0.75	2.85 ^a ±0.04	3.34 ^a ±0.22	3.00 ^a ±0.04	2.51 ^a ±0.43	2.79 ^a ±0.17	3.04 ^a ±0.05	2.72 ^a ±0.05
C12:0	3.54 ^{a,b} ±0.13	3.92 ^{a,b} ±0.84	3.59 ^{a,b} ±0.03	4.16 ^b ±0.20	3.69 ^{a,b} ±0.03	3.27 ^{a,b} ±0.40	3.34 ^{a,b} ±0.22	3.63 ^{a,b} ±0.06	2.99 ^a ±0.19
C14:0	10.80 ^{a,b} ±0.25	11.36 ^{a,b} ±1.77	11.13 ^{a,b} ±0.26	12.46 ^b ±0.22	11.24 ^{a,b} ±0.21	10.55 ^a ±0.51	10.58 ^a ±0.33	11.12 ^{a,b} ±0.22	10.06 ^a ±0.12
C14:1	1.44 ^{b,c} ±0.23	1.52 ^c ±0.22	1.43 ^a ±0.08	1.59 ^c ±0.10	1.44 ^{b,c} ±0.08	1.06 ^{a,b} ±0.06	1.02 ^a ±0.13	1.06 ^{a,b} ±0.14	0.97 ^a ±0.11
n.i.1	0.66 ^a ±0.17	0.70 ^a ±0.06	0.61 ^a ±0.11	0.67 ^a ±0.11	0.61 ^a ±0.11	0.52 ^a ±0.15	0.57 ^a ±0.12	0.58 ^a ±0.11	0.59 ^a ±0.10
C15:0	1.39 ^a ±0.19	1.39 ^a ±0.13	1.33 ^a ±0.09	1.43 ^a ±0.08	1.33 ^a ±0.09	1.25 ^a ±0.06	1.23 ^a ±0.11	1.26 ^a ±0.11	1.28 ^a ±0.08
C15:1	0.36 ^a ±0.29	0.37 ^a ±0.02	0.30 ^a ±0.12	0.31 ^a ±0.12	0.30 ^a ±0.12	0.34 ^a ±0.01	0.26 ^a ±0.13	0.27 ^a ±0.12	0.28 ^a ±0.12
C16:0	29.98 ^a ±1.21	30.28 ^a ±0.28	30.69 ^a ±0.90	31.36 ^a ±0.95	30.96 ^a ±0.89	31.24 ^a ±0.80	31.04 ^a ±0.84	30.84 ^a ±0.66	30.99 ^a ±0.96
C16:1	2.30 ^a ±0.24	2.33 ^a ±0.05	2.33 ^a ±0.06	2.36 ^a ±0.05	2.32 ^a ±0.06	2.19 ^a ±0.12	2.14 ^a ±0.12	2.23 ^a ±0.08	2.32 ^a ±0.06
n.i.2	0.77 ^a ±0.21	0.80 ^a ±0.03	0.79 ^a ±0.10	0.77 ^a ±0.10	0.79 ^a ±0.10	0.66 ^a ±0.17	0.72 ^a ±0.13	0.73 ^a ±0.09	0.81 ^a ±0.09
C17:0	0.75 ^a ±0.22	0.74 ^a ±0.08	0.74 ^a ±0.10	0.66 ^a ±0.12	0.69 ^a ±0.10	0.65 ^a ±0.16	0.76 ^a ±0.10	0.74 ^a ±0.10	0.75 ^a ±0.11
C17:1	0.48 ^a ±0.23	0.45 ^a ±0.04	0.38 ^a ±0.12	0.36 ^a ±0.11	0.39 ^a ±0.11	0.29 ^a ±0.22	0.35 ^a ±0.13	0.36 ^a ±0.12	0.40 ^a ±0.12
C18:0	10.95 ^{a,b} ±0.20	10.19 ^{a,b} ±1.52	11.17 ^{a,b} ±0.16	9.77 ^a ±0.32	11.20 ^{a,b} ±0.36	11.94 ^b ±0.63	11.70 ^b ±0.42	11.30 ^{a,b} ±0.30	11.92 ^b ±0.30
C18:1 n-9t	1.66 ^{a,b} ±0.23	1.57 ^{a,b} ±0.07	1.77 ^b ±0.08	1.85 ^b ±0.08	0.69 ^a ±1.01	3.92 ^c ±0.13	3.04 ^c ±0.12	3.55 ^c ±0.18	1.73 ^b ±0.09
C18:1 n-9c	22.93 ^a ±1.15	21.93 ^a ±3.23	22.88 ^a ±0.48	20.40 ^a ±0.82	22.65 ^a ±0.51	21.65 ^a ±1.09	22.02 ^a ±0.79	21.04 ^a ±0.85	23.18 ^a ±0.69
C18:2 n-6t	0.41 ^a ±0.19	0.34 ^a ±0.06	0.30 ^a ±0.12	0.24 ^a ±0.12	0.30 ^a ±0.12	0.15 ^a ±0.11	0.15 ^a ±0.12	0.14 ^a ±0.12	0.26 ^a ±0.12
C18:2 n-6c	2.02 ^{a,b} ±0.06	1.96 ^{a,b} ±0.29	2.06 ^{a,b} ±0.12	1.73 ^a ±0.07	2.07 ^{a,b} ±0.13	2.08 ^{a,b} ±0.05	2.15 ^b ±0.06	2.08 ^{a,b} ±0.06	2.24 ^b ±0.06
C18:3 n-3	0.47 ^a ±0.25	0.42 ^a ±0.06	0.38 ^a ±0.12	0.32 ^a ±0.12	0.38 ^a ±0.11	0.37 ^a ±0.10	0.36 ^a ±0.12	0.35 ^a ±0.12	0.42 ^a ±0.11
C20:0	0.49 ^a ±0.15	0.53 ^a ±0.09	0.55 ^a ±0.11	0.45 ^a ±0.11	0.55 ^a ±0.10	0.57 ^a ±0.09	0.55 ^a ±0.11	0.53 ^a ±0.11	0.58 ^a ±0.11
SFA (total)	66.50 ±0.24	67.60 ±0.62	66.77 ±0.18	69.40 ±0.26	68.08 ±0.18	66.78 ±0.32	67.22 ±0.23	67.62 ±0.17	66.78 ±0.20
MUFA (total)	29.16 ±0.39	28.18 ±0.60	29.08 ±0.16	26.86 ±0.21	27.78 ±0.32	29.44 ±0.27	28.83 ±0.29	28.50 ±0.25	28.89 ±0.20
PUFA (total)	2.91 ±0.17	2.72 ±0.14	2.74 ±0.12	2.29 ±0.10	2.74 ±0.12	2.60 ±0.09	2.66 ±0.10	2.57 ±0.10	2.92 ±0.11
AI	2.39 ±0.10	2.62 ±0.58	2.40 ±0.12	2.48 ±0.10	2.44 ±0.07	2.93 ±0.08	2.54 ±0.07	2.61 ±0.13	2.33 ±0.08

TI	2.98 ±0.25	3.13 ±0.39	3.14 ±0.10	3.12 ±0.18	3.17 ±0.14	3.45 ±0.17	3.22 ±0.14	3.27 ±0.23	3.10 ±0.19
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n.i. – unidentified

a,b,c,... – the same letter indices within the same line do not mean statistically significant differences at the significance level of 0.05.