

Table 4. Fatty acid composition of mini-puff pastry palms (g fatty acid/100g total fatty acid mean \pm standard deviation).

	Brand 1 <i>store brand</i>	Brand 2 <i>store brand</i>	Brand 3 <i>premium brand</i>	Mean
Caprylic C8:0	0.15 \pm 0.01 ^a	0.15 \pm 0.00 ^a	0.72 \pm 0.01 ^b	0.34 \pm 0.28
Capric C10:0	0.13 \pm 0.01 ^a	0.13 \pm 0.00 ^a	0.65 \pm 0.01 ^b	0.30 \pm 0.25
Lauric C12:0	0.21 \pm 0.00 ^a	0.20 \pm 0.01 ^a	4.37 \pm 0.04 ^b	1.60 \pm 1.99
Myristic C14:0	1.07 \pm 0.01 ^a	1.13 \pm 0.01 ^b	2.52 \pm 0.02 ^c	1.57 \pm 0.68
Palmitic C16:0	48.89 \pm 0.30 ^b	52.66 \pm 0.06 ^c	37.23 \pm 0.12 ^a	46.26 \pm 6.66
t-Palmitoleic C16:1Δ9t	0.03 \pm 0.00 ^a	0.03 \pm 0.00 ^b	0.03 \pm 0.00 ^{ab}	0.03 \pm 0.00
Palmitoleic C16:1	0.13 \pm 0.00 ^b	0.14 \pm 0.00 ^c	0.13 \pm 0.00 ^a	0.13 \pm 0.01
Stearic C18:0	4.96 \pm 0.06 ^a	5.02 \pm 0.02 ^a	7.44 \pm 0.09 ^b	5.81 \pm 1.17
Trans isomers C18:1	0.16 \pm 0.02 ^b	0.13 \pm 0.02 ^a	0.16 \pm 0.03 ^b	0.15 \pm 0.03
Oleic C18:1	27.36 \pm 0.24 ^a	29.85 \pm 0.08 ^b	29.77 \pm 0.11 ^b	28.99 \pm 1.19
c-Vaccenic C18:1	nd	nd	nd	nd
t-Linoleic C18:2Δ9t,12t	0.03 \pm 0.01 ^{ab}	0.03 \pm 0.00 ^a	0.04 \pm 0.00 ^b	0.03 \pm 0.00
c-t linoleic C18:2Δ9c,12t	0.18 \pm 0.01 ^b	0.22 \pm 0.00 ^c	0.15 \pm 0.00 ^a	0.18 \pm 0.03
t-c linoleic C18:2Δ9t,12c	0.19 \pm 0.01 ^b	0.23 \pm 0.00 ^c	0.16 \pm 0.00 ^a	0.20 \pm 0.03
Linoleic C18:2Δ9c,12c	15.83 \pm 0.23 ^c	9.43 \pm 0.03 ^a	15.63 \pm 0.09 ^b	13.63 \pm 3.01
Arachidic C20:0	0.22 \pm 0.01 ^a	0.27 \pm 0.01 ^b	0.31 \pm 0.01 ^c	0.27 \pm 0.04
γ-linolenic C18:3	0.03 \pm 0.00 ^a	0.04 \pm 0.00 ^c	0.03 \pm 0.00 ^b	0.04 \pm 0.01
Eicosenoic C20:1	0.05 \pm 0.00 ^a	0.06 \pm 0.00 ^b	0.09 \pm 0.00 ^c	0.07 \pm 0.02
α-linolenic C18:3	0.13 \pm 0.00 ^a	0.15 \pm 0.01 ^b	0.32 \pm 0.01 ^c	0.20 \pm 0.09
Behenic C22:0	0.12 \pm 0.01 ^c	0.04 \pm 0.00 ^a	0.11 \pm 0.00 ^b	0.09 \pm 0.04
Brassicidic C20:1Δ13t	nd	nd	nd	nd
Erucic C22:1	nd	nd	nd	nd
Eicosatrienoic C20:3	nd	nd	nd	nd
Arachidonic C20:4	0.01 \pm 0.00 ^c	0.01 \pm 0.00 ^a	0.01 \pm 0.00 ^b	0.01 \pm 0.00
Eicosapentaenoic C22:5	0.10 \pm 0.00 ^b	0.08 \pm 0.00 ^a	0.10 \pm 0.00 ^c	0.09 \pm 0.01
SFA	55.76 \pm 0.31 ^b	59.59 \pm 0.08 ^b	53.36 \pm 0.14 ^a	56.24 \pm 2.61
MUFA	27.54 \pm 0.24 ^a	30.05 \pm 0.09 ^c	29.99 \pm 0.12 ^b	29.19 \pm 1.20
PUFA	16.10 \pm 0.22 ^b	9.72 \pm 0.03 ^a	16.10 \pm 0.09 ^b	13.97 \pm 3.06
trans	0.59 \pm 0.04 ^b	0.65 \pm 0.02 ^c	0.54 \pm 0.03 ^a	0.59 \pm 0.05

Different letters denote significant differences among samples (p<0.05); nd: not detected; SFA: saturated fatty acids; MUFA: monounsaturated fatty acids; PUFA: polyunsaturated fatty acids