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Fatty Acid Composition in Some Species of Walnuts Grown in Turkey

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1. Introduction

Many scientific publications, for at least 3000 years, people living in Anatolia, known acquaintances walnut (Ferhatoglu, 2001). Walnut, high nutritional value is a fruit. Walnut fruit is very rich in essential fatty acids and tocopherols. Linoleic acid, oleic, linoleic, palmitic and stearic acids decrease LDL cholesterol and raises HDL cholesterol. Cardiovascular diseases are important protective (Pereira et al. 2007). Several studies, especially walnut tree bark, leaves, green fruit peel and antimicrobial activity of juglon matter were also determined (Clark et al., 1990; Oliveira et al. 2008).

Walnut which carbohydrates, vitamins and all amino acids is supply; oil (50-80%), protein (12-15), mineral compound (3%) for the feeder is a feature. Due to their low sugar (2.5-4%) diet the amount of good fruit (Mitrovic et al. 1997). Many researchers' minerals such as potassium and magnesium in walnut stated that regulates blood pressure (Prineas et al, 1993). As well as the consumption of fruits, cakes and pastries is used as a flavor enhancer (Olez et al. 1974).

According to literature information, fatty acid composition of walnut has not been investigated. The aim of this study is to determine the fatty acid compositions and

ABSRACT

Walnut samples obtained from nineteen different 1:Hartley, 2:206, 3:Serr, 4:Mitlant, 5:Fernor, 6:Pedro, 7:Payne, 8:Oguzlar, 9:Fernette, 10:46, 11:Howard, 12:Akca 2, 13:39, 14:Sen 1, 15:Maras 18, 6: 91, 17:Sili yerel, 18:58, 19:46, in Anatolia. The present study describes the determination of fatty acid composition of the oil samples obtained from some walnut and the comparison of variations species. The fatty acid compositions of walnut samples were determined by Shimadzu 15-A Gas Chromatography. According to the results, fatty acid composition of the walnut samples is significantly varied depending on each species.

 $\omega 6/\omega 3$ ratios of the oil samples obtained from some *wal-nut* grown in Anatolia, and to compare species.

2. Materials and Methods

Collection of samples

Nineteen walnut samples were collected from the different regions of Anatolia in order to determine the fatty acid compositions for 1: Hartley, 2: 206, 3: Serr, 4: Mitlant, 5: Fernor, 6: Pedro, 7: Payne, 8: Oguzlar, 9: Fernette, 10: 46, 11: Howard, 12: Akca 2, 13: 39, 14: Sen 1, 15: Maras 18, 16: 91, 17: Sili yerel, 18: 58, 19: 46.

Preparation of the samples

The walnuts were collected from the ground and were then washed and dried in a forced-air drier at 30° C to a moisture content of ca. 9%. The nuts were then opened using a standard method, and the kernels were vacuum-packed in plastic bags and stored at -70° C until they could be extracted. Identification of the species of walnut collected was carried out according to the usual procedures, based on methods suggested by (Baron et al. 1985; McNeil et al. 1994), at the deep-freeze of the Department of Animal Nutrition at Selcuk University.

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Fatty acid analysis

Fat extraction was carried out according to the AOAC. The each part of about 5 g was extracted with chloroform/methanol mixture (2/1, v/v) (Folch et al., 1957). The fatty acids were converted to their methyl esters using standard Boron trifluoride-methanol method (Moss et al. 1974). The resultant fatty acid methyl esters were separated and stored at -20 °C. At the beginning of each analysis, the samples were allowed to equilibrate to room temperature and analysed by gas chromatography (Shimadzu 15-A), equipped with dual flame ionisation detector and a 1.8 m × 3 mm internal diameter packed glass column containing GP 10 % SP-2330 on 100/120 Chromosorb WAW, cat no: 11851. Column temperature was 195 °C for 32 min., and then rose progressively at 30 °C/min up to 225 °C where it was maintained for 11 min at 220 °C. Carrier gas was nitrogen (2 ml/min). The injector and detector temperatures were 230 and 240 °C respectively. Conditions were chosen to separate fatty acids of carbon chain length from 8 to 24. The fatty acids were identified by comparison of retention times with known external standard mixtures (Alltech), quantified by a Shimadzu Class-VP software and the results were expressed as percentage distribution of fatty acid methyl esters. Each of the experiments was repeated three times.

Statistical analysis

Nineteen walnut samples were analyzed for each parts of species were analyzed in triplicate. The average results of peak area are offered as means \pm SD. The statistical analysis of the percentages of fatty acid was tested by analysis of variance (ANOVA) and comparisons between mean values were performed Duncan's test. Differences between means were reported as significant if P < 0.05.

3. Results and Discussion

Lipid content is around 70% in oil samples obtained from walnut species. The fatty acid compositions of parts of the walnut samples and retention times are presented in Table 1. It was identified 24 fatty acids for the walnut samples and evaluated their compositions for species. The highest fatty acid ratios are as follows; linoleic acid 18:2w6 (64.42%) in Sili yerel, palmitic acid 16:0 (6.52%) in 206 species, oleic acid 18:1 (19.23%) in Oguzlar, stearic acid 18:0 (3.59%) in Oğuzlar, myristic acid 14:0 (0.07%) in Hartley. Linoleic acid is the most abundant polyunsaturated fatty acid in all parts. Palmitic acid is the most abundant saturated fatty acid in all parts. The total SFA (saturated fatty acid) composition of the studied species is assigned between 6.93-9.68% while PUFA (poly unsaturated fatty acid) composition is 71.02-77.04%.

Fatty Acids	1	2	3	4	5	6	7
C 8:0	0.07±0.05a	$0.00{\pm}0.00b$	$0.00{\pm}0.00b$	$0.00{\pm}0.00b$	$0.00{\pm}0.00b$	$0.00{\pm}0.00b$	0.01±0.01b
C 10:0	0.00±0.01a	0.01±0.01a	0.01±0.00a	0.01±0.00a	0.02±0.01a	0.01±0.01a	0.01±0.01a
C 12:0	0.00±0.00a	0.00±0.00ab	0.00±0.00ab	$0.00{\pm}0.00ab$	0.00±0.00ab	$0.00{\pm}0.00ab$	0.00±0.00ab
C 14:0	0.07±0.05a	0.02±0.01c	0.04±0.01abc	0.04±0.01abc	0.01±0.01c	$0.01 \pm 0.00c$	0.02±0.00c
C 16:0	6.28±0.30a	6.52±0.43a	5.45±1.06abc	6.00±0.03abc	6.26±0.99a	6.18±0.20ab	4.26±0.30c
C 17:0	0.19±0.15bc	0.11±0.02c	0.17±0.04bc	0.14±0.01bc	0.83±0.64a	0.56±0.39ab	0.16±0.06bc
C 18:0	1.55±0.44cd	1.68±0.37cd	2.04±0.43bcd	1.85±0.03cd	1.37±0.09d	1.65±0.33cd	2.53±0.51abc
C 20:0	0.03±0.01ab	0.02±0.01ab	0.03±0.00ab	$0.02{\pm}0.00ab$	0.02±0.01ab	0.02±0.01ab	0.02±0.00ab
C 21:0	0.02±0.01abc	$0.01 \pm 0.00c$	0.01±0.00bc	$0.01 \pm 0.00 bc$	$0.01 \pm 0.00 bc$	$0.01 \pm 0.00c$	0.02±0.00bc
C 24:0	0.01±0.01ab	0.01±0.01ab	0.01±0.01ab	$0.00{\pm}0.00b$	0.01±0.00a	0.01±0.01ab	0.01±0.01ab
\sum SFA	8.14±0.06ab	8.39±0.64ab	7.75±0.60ab	8.08±0.01ab	8.54±1.26ab	8.46±0.12ab	7.02±0.24b
C 14:1	0.00±0.00a	0.00±0.00ab	0.00±0.00ab	0.00±0.00ab	0.00±0.00ab	0.00±0.00ab	0.00±0.00ab
C 16:1	0.05±0.01a	0.02±0.01bc	0.03±0.01bc	0.03±0.00bc	0.02±0.01bc	0.02±0.00bcd	0.01±0.01cd
C 17:1	0.01±0.01ab	0.01±0.01ab	0.02±0.01ab	0.01±0.00ab	$0.00{\pm}0.00b$	0.01±0.01ab	0.02±0.02ab
C 18:1	17.56±0.58a	17.49±1.25a	17.70±0.15a	17.62±0.04a	17.08±1.74a	15.70±1.40a	15.90±2.98a
C 20:1	0.03±0.01ab	0.01±0.00abcd	0.01±0.01abcd	$0.02{\pm}0.00$ abcd	$0.02{\pm}0.00$ abcd	0.01±0.00abcd	0.01±0.00cd
C 22:1	0.01±0.00a	$0.00{\pm}0.00b$	$0.00{\pm}0.00b$	$0.00{\pm}0.00b$	$0.00{\pm}0.00b$	$0.00{\pm}0.00b$	$0.00{\pm}0.00b$
C 24:1	$0.00{\pm}0.00$ bc	0.00±0.00abc	$0.00{\pm}0.00$ bc	0.00±0.00abc	0.00±0.00ab	0.00±0.00abc	0.00±0.00bc
\sum MUFA	17.65±0.58a	17.54±1.26a	17.77±0.15a	17.69±0.04a	17.13±1.75a	15.74±1.40a	15.94±2.99a
C 18:2	60.35±1.07ab	60.17±2.67ab	60.71±0.40ab	60.53±0.06ab	63.46±0.66ab	61.07±3.58ab	64.40±3.40a
C 18:3	13.85±1.62a	13.87±3.39a	13.74±0.12a	13.67±0.10a	10.86±1.35a	14.70±2.34a	12.60±1.26a
C 20:2	0.00±0.01bc	0.01±0.01abc	0.01±0.00abc	0.01±0.00abc	$0.00{\pm}0.00c$	0.01±0.01abc	0.01±0.01abc
C 20:4	0.00±0.01b	$0.00{\pm}0.00b$	$0.00{\pm}0.00b$	$0.00{\pm}0.00b$	$0.00{\pm}0.00b$	$0.00{\pm}0.00b$	$0.00{\pm}0.00b$
C 20:5	$0.00 \pm 0.00 b$	0.01±0.01b	0.01±0.00b	0.01±0.00b	$0.00 \pm 0.00 b$	0.01±0.01b	$0.01{\pm}0.00b$
C 22:4	$0.00{\pm}0.00b$	0.01±0.01ab	0.01±0.01ab	0.01±0.00ab	$0.00{\pm}0.00b$	0.01±0.01ab	0.02±0.01ab
C 22:5	0.00±0.00a	0.00±0.00a	0.00±0.00a	0.00±0.00a	0.00±0.00a	0.00±0.00a	0.00±0.00a
$\sum PUFA$	74.20±0.64ab	74.07±0.76ab	74.49±0.46ab	74.23±0.04ab	74.33±1.93ab	75.80±1.34ab	77.04±3.20a
$\overline{\Sigma} \omega 3$	13.85±1.62a	13.88±3.40a	13.75±0.12a	13.69±0.10a	10.87±1.35a	14.71±2.35a	12.61±1.26a
$\overline{\Sigma} \omega 6$	60.35±1.07ab	60.19±2.65ab	60.74±0.41ab	60.55±0.06ab	63.47±0.66ab	61.09±3.56ab	64.43±3.38a
\sum SFA/PUFA	0.01±0.00ab	0.11±0.01ab	0.10±0.01b	0.11±0.00ab	0.12±0.02ab	0.11±0.01ab	0.09±0.01b

Table 1

Table 1 Continued

Fatty Acids	8	0	10	11	12	13
C 9.0	0 01 + 0 011	2 0.00±0.001-	0.00+0.001	0.00+0.001	12	0.00+0.001
C 8:0	0.01±0.01b	0.00±0.00b	0.00±0.00b	0.00±0.00b	0.00±0.00b	0.00±0.00b
C 10:0	0.00±0.00a	0.01±0.01a	0.01±0.01a	0.01±0.01a	0.01±0.01a	0.00±0.00a
C 12:0	$0.00 \pm 0.00b$	0.00±0.00ab	0.00±0.00ab	0.00±0.00ab	0.00±0.00ab	0.00±0.00a
C 14:0	0.04±0.02abc	0.04±0.02abc	0.02±0.00c	0.02±0.00c	0.02±0.01c	0.03±0.02bc
C 16:0	5.72±1.56abc	5.05±0.85abc	4.21±0.31c	4.26±0.30c	4.99±1.17abc	5.80±0.78abc
C 17:0	0.29±0.10bc	0.09±0.06c	0.16±0.05bc	0.16±0.06bc	0.13±0.05bc	0.19±0.15bc
C 18:0	3.59±0.71a	2.35±0.76bcd	2.61±0.53abc	2.53±0.51abc	2.27±0.44bcd	1.53±0.27cd
C 20:0	0.01±0.01c	0.03±0.01ab	0.02±0.00ab	0.02±0.00ab	0.02±0.00ab	0.03±0.01a
C 21:0	0.03±0.01a	0.02±0.00bc	0.02±0.00bc	0.02±0.00bc	0.01±0.01bc	0.02±0.01bc
C 24:0	$0.00{\pm}0.00b$	$0.00{\pm}0.00b$	$0.00{\pm}0.00b$	$0.00{\pm}0.00b$	$0.00{\pm}0.00b$	$0.00{\pm}0.00b$
Σ SFA	9.68±2.37a	7.60±0.72ab	7.05±0.25b	7.02±0.24b	7.47±0.91b	7.59±0.87ab
<u>C</u> 14:1	0.00±0.00ab	0.00±0.00ab	0.00±0.00ab	0.00±0.00ab	0.00±0.00b	0.00±0.00ab
C 16:1	0.02 ± 0.01 bcd	0.02 ± 0.01 bc	0.00±0.00d	0.02 ± 0.01 bcd	0.01 ± 0.00 cd	0.04 ± 0.01 ab
C 17:1	$0.03\pm0.01a$	0.01+0.00ab	0.01+0.00ab	$0.03\pm0.02a$	0.02+0.01ab	0.02+0.01ab
C 18·1	$19.23 \pm 1.81a$	16 45+3 53a	1735+0.00a	1880+208a	1557+272a	16 65+1 23a
C 20:1	0.02 ± 0.01 abcd	0.02 ± 0.01 abcd	0.01+0.00abcd	0.02 ± 0.01 abcd	0.01+0.00d	0.03 ± 0.01 abc
C 20.1	$0.02\pm0.01a0cd$	$0.02\pm0.01a0cd$	$0.01\pm0.00a0cd$	$0.02\pm0.01a0cd$	0.01 ± 0.000	$0.00\pm0.01a0c$
C 22.1	0.00 ± 0.000	0.00 ± 0.000	0.00 ± 0.000	0.00 ± 0.000	$0.00\pm0.00b$	0.00 ± 0.000
<u><u> </u></u>	10.21+1.84-	1(50+2.55-	0.00±0.00a	19.97+2.12-	15 (1+2 72-	1(74+1.22-
<u>S MUFA</u>	19.51±1.84a	10.30±3.33a	17.38±0.00a	18.8/±2.12a	15.01±2.73a	10./4±1.22a
C 18:2	61.45±1.70ab	61.18±6.49ab	60.50±3.49ab	64.28±2.81a	62.59±5.22ab	59.87±0.80ab
C 18:3	9.49±3.72a	14.69±2.66a	15.03±3./3a	9.79±4.28a	14.28±2.56a	15./8±2.84a
C 20:2	0.02±0.01ab	0.01±0.01abc	0.01±0.01abc	0.01 ± 0.01 abc	0.01±0.01abc	0.01±0.01abc
C 20:4	$0.00{\pm}0.00b$	$0.00{\pm}0.00b$	$0.00{\pm}0.00b$	$0.00{\pm}0.00b$	$0.00{\pm}0.00b$	$0.00{\pm}0.00b$
C 20:5	0.03±0.03a	$0.01 \pm 0.00 b$	$0.01 \pm 0.00 b$	$0.01 \pm 0.00 b$	$0.02 \pm 0.01 b$	0.01±0.01b
C 22:4	0.02±0.02a	0.01±0.00ab	0.01±0.01ab	0.02±0.01ab	0.02±0.01ab	0.01±0.00ab
C 22:5	0.00±0.00a	0.00±0.00a	0.00±0.00a	0.00±0.00a	0.00±0.00a	0.00±0.00a
$\sum PUFA$	71.02±4.16b	75.90±4.24ab	75.57±0.25ab	74.11±1.89ab	76.92±3.30a	75.68±2.07ab
$\overline{\Sigma} \omega 3$	9.52±3.74a	14.70±2.66a	15.04±3.73a	9.80±4.28a	14.30±2.57a	15.78±2.84a
$\overline{\Sigma} \omega 6$	61.50±1.68ab	61.20±6.48ab	60.53±3.49ab	64.31±2.80a	62.62±5.20ab	59.89±0.79ab
$\overline{\Sigma}$ SFA/PUFA	0 14+0 04a	0 10+0 02b	0.09+0.00b	0.10 ± 0.00 b	$0.10\pm0.02b$	$0.10\pm0.01b$
		0.10-0.020	0.07 ± 0.000	0.10 ± 0.000	0.10 ± 0.020	0.10 ± 0.010
Fatty Acids	14	15	16	17	18	19
Fatty Acids	14 0.00+0.00b	15 0.00+0.00b	16 0.01+0.01b	17 0.00+0.00b	18 0.00+0.00b	19 0.06+0.07a
Fatty Acids C 8:0 C 10:0	14 0.00±0.00b 0.00±0.00a	15 0.00±0.00b 0.01±0.01a	16 0.01±0.01b 0.01±0.01a	$ \begin{array}{c} 0.10 \pm 0.000 \\ 17 \\ 0.00 \pm 0.00b \\ 0.01 \pm 0.01a \\ \end{array} $	18 0.00±0.00b 0.01±0.01a	19 0.06±0.07a 0.00+0.00a
Fatty Acids C 8:0 C 10:0 C 12:0	14 0.00±0.00b 0.00±0.00a 0.00±0.00a	15 0.00±0.00b 0.01±0.01a 0.00±0.00ab	16 0.01±0.01b 0.01±0.01a 0.00±0.00ab	17 0.00±0.00b 0.01±0.01a 0.00±0.00a	18 0.00±0.00b 0.01±0.01a 0.00±0.00ab	$ \begin{array}{r} 0.10 \pm 0.010 \\ \hline 19 \\ 0.06 \pm 0.07a \\ 0.00 \pm 0.00a \\ 0.00 \pm 0.00ab \end{array} $
Fatty Acids C 8:0 C 10:0 C 12:0 C 14:0	$\begin{array}{c} 14 \\ \hline 14 \\ 0.00 \pm 0.00b \\ 0.00 \pm 0.00a \\ 0.00 \pm 0.00ab \\ 0.03 \pm 0.01bc \end{array}$	15 0.00±0.00b 0.01±0.01a 0.00±0.00ab 0.02±0.01c	16 0.01±0.01b 0.01±0.01a 0.00±0.00ab 0.03±0.00ab	$\begin{array}{c} 0.10\pm0.000 \\ 17 \\ 0.00\pm0.00b \\ 0.01\pm0.01a \\ 0.00\pm0.00a \\ 0.02\pm0.00a \end{array}$	18 0.00±0.00b 0.01±0.01a 0.00±0.00ab 0.00±0.00ab	$\begin{array}{c} 0.10\pm0.010\\ \hline 19\\ 0.06\pm0.07a\\ 0.00\pm0.00a\\ 0.00\pm0.00ab\\ 0.06\pm0.06ab \end{array}$
Fatty Acids C 8:0 C 10:0 C 12:0 C 14:0 C 16:0	14 0.00±0.00b 0.00±0.00a 0.00±0.00ab 0.03±0.01bc 5.55±1.4aba	15 0.00±0.00b 0.01±0.01a 0.00±0.00ab 0.02±0.01c 4.82±1.25bba	$\begin{array}{c} 0.05\pm0.000 \\ \hline 16 \\ 0.01\pm0.01b \\ 0.01\pm0.01a \\ 0.00\pm0.00ab \\ 0.03\pm0.02abc \\ 5.25\pm1.73aba \end{array}$	17 0.00±0.00b 0.01±0.01a 0.00±0.00a 0.02±0.00c 4.37±1.21ba	0.10±0.020 18 0.00±0.00b 0.01±0.01a 0.00±0.00ab 0.02±0.01c 4.87±1.21aba	$\frac{19}{0.06\pm0.07a}$ 0.06±0.07a 0.00±0.00a 0.00±0.00ab 0.06±0.06ab 5.20±1.06ab
Fatty Acids C 8:0 C 10:0 C 12:0 C 14:0 C 16:0 C 17:0	14 0.00±0.00b 0.00±0.00a 0.00±0.00ab 0.03±0.01bc 5.55±1.14abc 0.16±0.05bc	15 0.00±0.00b 0.01±0.01a 0.00±0.00ab 0.02±0.01c 4.82±1.25abc 0.41±0.27bc	16 0.01±0.01b 0.01±0.01a 0.00±0.00ab 0.03±0.02abc 5.25±1.73abc 0.22±0.15bc	17 0.00±0.00b 0.01±0.01a 0.00±0.00a 0.02±0.00c 4.37±1.21bc 0.12±0.05bc	0.10±0.020 18 0.00±0.00b 0.01±0.01a 0.00±0.00ab 0.02±0.01c 4.87±1.21abc 0.42:022chz	0.10±0.010 19 0.06±0.07a 0.00±0.00a 0.00±0.00ab 0.06±0.06ab 5.29±1.06abc 0.17.0.14bc
Fatty Acids C 8:0 C 10:0 C 12:0 C 14:0 C 16:0 C 17:0 C 19:0	$\begin{array}{c} 14 \\ 14 \\ 0.00\pm0.00b \\ 0.00\pm0.00a \\ 0.00\pm0.00ab \\ 0.03\pm0.01bc \\ 5.55\pm1.14abc \\ 0.16\pm0.05bc \\ 2.10\pm0.40bc d \end{array}$	15 0.00±0.00b 0.01±0.01a 0.00±0.00ab 0.02±0.01c 4.82±1.25abc 0.41±0.37bc 2.21±0.85bcd	16 0.01±0.01b 0.01±0.01a 0.00±0.00ab 0.03±0.02abc 5.25±1.73abc 0.22±0.15bc 2.06±1.06cb	17 0.00±0.00b 0.01±0.01a 0.00±0.00a 0.02±0.00c 4.37±1.21bc 0.12±0.05bc	18 0.00±0.00b 0.01±0.01a 0.00±0.00ab 0.02±0.01c 4.87±1.21abc 0.42±0.36bc 0.22±0.07bc	19 0.06±0.07a 0.00±0.00a 0.00±0.00ab 0.06±0.06ab 5.29±1.06abc 0.17±0.14bc 2.2440.74±1
Fatty Acids C 8:0 C 10:0 C 12:0 C 14:0 C 16:0 C 17:0 C 18:0 C 20:0	$\begin{array}{c} 14 \\ 14 \\ 0.00\pm 0.00b \\ 0.00\pm 0.00a \\ 0.00\pm 0.00ab \\ 0.03\pm 0.01bc \\ 5.55\pm 1.14abc \\ 0.16\pm 0.05bc \\ 2.10\pm 0.40bcd \\ 0.02\pm 0.00cb \end{array}$	15 0.00±0.00b 0.01±0.01a 0.00±0.00ab 0.02±0.01c 4.82±1.25abc 0.41±0.37bc 2.31±0.85bcd 0.02±0.01c	$\begin{array}{c} 16 \\ \hline 16 \\ \hline 0.01\pm0.01b \\ 0.01\pm0.01a \\ \hline 0.00\pm0.00ab \\ \hline 0.03\pm0.02abc \\ 5.25\pm1.73abc \\ \hline 0.22\pm0.15bc \\ 3.06\pm1.06ab \\ \hline 0.01bc \\ \hline 0.01b$	17 0.00±0.00b 0.01±0.01a 0.00±0.00a 0.02±0.00c 4.37±1.21bc 0.12±0.05bc 2.35±0.59bcd 0.02±0.00c	18 0.00±0.00b 0.01±0.01a 0.00±0.00ab 0.02±0.01c 4.87±1.21abc 0.42±0.36bc 2.23±0.75bcd 0.02±0.01c	$\begin{array}{c} 0.10100010 \\ \hline 19 \\ 0.06\pm0.07a \\ 0.00\pm0.00a \\ 0.00\pm0.00ab \\ 0.06\pm0.06ab \\ 5.29\pm1.06abc \\ 0.17\pm0.14bc \\ 2.24\pm0.74ab \\ 0.02100011a \\ \hline 0.02100011a \\ \hline \end{array}$
Fatty Acids C 8:0 C 10:0 C 12:0 C 14:0 C 16:0 C 17:0 C 18:0 C 20:0 C 20:0	$\begin{array}{c} 11 \\ 14 \\ 0.00\pm 0.00b \\ 0.00\pm 0.00a \\ 0.00\pm 0.00ab \\ 0.03\pm 0.01bc \\ 5.55\pm 1.14abc \\ 0.16\pm 0.05bc \\ 2.10\pm 0.40bcd \\ 0.02\pm 0.00ab \\ 0.01\pm 0.00b \end{array}$	15 15 0.00±0.00b 0.01±0.01a 0.00±0.00ab 0.02±0.01c 4.82±1.25abc 0.41±0.37bc 2.31±0.85bcd 0.02±0.00ab	$\begin{array}{c} 16 \\ \hline 0.01\pm0.00b \\ 0.01\pm0.01b \\ 0.00\pm0.00ab \\ 0.03\pm0.02abc \\ 5.25\pm1.73abc \\ 0.22\pm0.15bc \\ 3.06\pm1.06ab \\ 0.02\pm0.01bc \\ 0.02\pm0.00bc \\ 0.00bc \\ 0.0$	17 0.00±0.00b 0.01±0.01a 0.00±0.00a 0.02±0.00c 4.37±1.21bc 0.12±0.05bc 2.35±0.59bcd 0.02±0.00ab	18 0.00±0.00b 0.01±0.01a 0.00±0.00ab 0.02±0.01c 4.87±1.21abc 0.42±0.36bc 2.23±0.75bcd 0.3±0.00ab	$\begin{array}{c} 0.1010,0110\\ \hline 19\\ \hline 0.06\pm0.07a\\ 0.00\pm0.00a\\ 0.00\pm0.00a\\ 0.06\pm0.06ab\\ 5.29\pm1.06abc\\ 0.17\pm0.14bc\\ 2.24\pm0.74ab\\ 0.02\pm0.01bc\\ 0.022,1 \end{array}$
Fatty Acids C 8:0 C 10:0 C 12:0 C 14:0 C 16:0 C 17:0 C 18:0 C 20:0 C 21:0 C 21:0	$\begin{array}{c} 11 \\ 14 \\ 0.00\pm 0.00b \\ 0.00\pm 0.00a \\ 0.00\pm 0.00ab \\ 0.03\pm 0.01bc \\ 5.55\pm 1.14abc \\ 0.16\pm 0.05bc \\ 2.10\pm 0.40bcd \\ 0.02\pm 0.00ab \\ 0.01\pm 0.00bc \\ 0.00\pm 0.00bc \\ 0.00$	$\begin{array}{c} 1.15 \\ \hline 15 \\ \hline 0.00\pm 0.00b \\ 0.01\pm 0.01a \\ \hline 0.00\pm 0.00ab \\ \hline 0.02\pm 0.01c \\ \hline 4.82\pm 1.25abc \\ \hline 0.41\pm 0.37bc \\ \hline 2.31\pm 0.85bcd \\ \hline 0.02\pm 0.00ab \\ \hline 0.02\pm 0.00bc \\ \hline 0.01\pm 0.01b \\ \hline \end{array}$	$\begin{array}{c} 1000000000000000000000000000000000000$	$\begin{array}{c} 1.10\pm0.00b\\ 17\\ \hline 0.00\pm0.00b\\ 0.01\pm0.01a\\ 0.00\pm0.00a\\ 0.02\pm0.00c\\ 4.37\pm1.21bc\\ 0.12\pm0.05bc\\ 2.35\pm0.59bcd\\ 0.02\pm0.00ab\\ 0.02\pm0.00bc\\ 0.02\pm0.00bc\\ 0.00\pm0.00bc\\ 0.00\pm0.00$	$\begin{array}{c} 18 \\ \hline 18 \\ \hline 0.00\pm0.00b \\ 0.01\pm0.01a \\ 0.00\pm0.00ab \\ 0.02\pm0.01c \\ 4.87\pm1.21abc \\ 0.42\pm0.36bc \\ 2.23\pm0.75bcd \\ 0.03\pm0.00ab \\ 0.02\pm0.00bc \\ 0.01\pm0.00bc \\ 0.01\pm0.00ab \\ 0.01\pm0.00bc \\ 0.00bc \\ 0.00bc \\ 0.00bc \\ 0.00bc \\ 0.00bc \\ 0.00bc $	$\begin{array}{c} 0.1010,010 \\ \hline 19 \\ \hline 0.06\pm 0.07a \\ 0.00\pm 0.00a \\ 0.00\pm 0.00ab \\ 0.06\pm 0.06ab \\ 5.29\pm 1.06abc \\ 0.17\pm 0.14bc \\ 2.24\pm 0.74ab \\ 0.02\pm 0.01bc \\ 0.03\pm 0.02ab \\ 0.011b \\ \hline \end{array}$
Fatty Acids C 8:0 C 10:0 C 12:0 C 14:0 C 16:0 C 17:0 C 18:0 C 20:0 C 21:0 C 24:0	$\begin{array}{c} 14 \\ \hline 0.00\pm 0.00b \\ 0.00\pm 0.00a \\ 0.00\pm 0.00a \\ 0.03\pm 0.01bc \\ 5.55\pm 1.14abc \\ 0.16\pm 0.05bc \\ 2.10\pm 0.40bcd \\ 0.02\pm 0.00ab \\ 0.01\pm 0.00bc \\ 0.01\pm 0.01ab \\ \hline 0.01\pm 0.01ab \end{array}$	$\begin{array}{c} 1.15 \\ \hline 15 \\ \hline 0.00\pm 0.00b \\ 0.01\pm 0.01a \\ \hline 0.00\pm 0.00ab \\ \hline 0.02\pm 0.01c \\ \hline 4.82\pm 1.25abc \\ \hline 0.41\pm 0.37bc \\ \hline 2.31\pm 0.85bcd \\ \hline 0.02\pm 0.00ab \\ \hline 0.02\pm 0.00bc \\ \hline 0.01\pm 0.01ab \end{array}$	$\begin{array}{c} 1000000000000000000000000000000000000$	$\begin{array}{c} 1.10\pm0.00b\\ 17\\ \hline 0.00\pm0.00b\\ 0.01\pm0.01a\\ 0.00\pm0.00a\\ 0.02\pm0.00c\\ 4.37\pm1.21bc\\ 0.12\pm0.05bc\\ 2.35\pm0.59bcd\\ 0.02\pm0.00ab\\ 0.02\pm0.00bc\\ 0.00\pm0.00b\\ 0.00\pm0.00b\\ \hline \end{array}$	$\begin{array}{c} 18\\ \hline 0.00\pm0.02b\\ \hline 18\\ \hline 0.00\pm0.00b\\ 0.01\pm0.01a\\ 0.00\pm0.00ab\\ 0.02\pm0.01c\\ 4.87\pm1.21abc\\ 0.42\pm0.36bc\\ 2.23\pm0.75bcd\\ 0.03\pm0.00ab\\ 0.02\pm0.00bc\\ 0.01\pm0.01ab\\ \hline 0.02\pm0.00bc\\ 0.01\pm0.01ab\\ \hline \end{array}$	$\begin{array}{c} 0.1010,010 \\ \hline 19 \\ \hline 0.06\pm0.07a \\ 0.00\pm0.00a \\ 0.00\pm0.00ab \\ 0.06\pm0.06ab \\ 5.29\pm1.06abc \\ 0.17\pm0.14bc \\ 2.24\pm0.74ab \\ 0.02\pm0.01bc \\ 0.03\pm0.02ab \\ 0.01\pm0.01ab \\ 0.01\pm0.01ab \\ \hline 0.02\pm0.01ab \\ 0.01\pm0.01ab \\ $
	$\begin{array}{c} 11 \\ 14 \\ 0.00\pm 0.00b \\ 0.00\pm 0.00a \\ 0.00\pm 0.00ab \\ 0.03\pm 0.01bc \\ 5.55\pm 1.14abc \\ 0.16\pm 0.05bc \\ 2.10\pm 0.40bcd \\ 0.02\pm 0.00ab \\ 0.01\pm 0.00bc \\ 0.01\pm 0.01ab \\ 7.88\pm 0.75ab \end{array}$	$\begin{array}{c} 1.15 \\ 15 \\ 0.00 \pm 0.00 b \\ 0.01 \pm 0.01 a \\ 0.00 \pm 0.00 a b \\ 0.02 \pm 0.01 c \\ 4.82 \pm 1.25 a b c \\ 0.41 \pm 0.37 b c \\ 2.31 \pm 0.85 b c d \\ 0.02 \pm 0.00 a b \\ 0.02 \pm 0.00 b c \\ 0.01 \pm 0.01 a b \\ 7.61 \pm 0.81 a b \end{array}$	$\begin{array}{c} 1.0000 \\ 1.000$	$\begin{array}{c} 1.10\pm0.00b\\ 17\\ 0.00\pm0.00b\\ 0.01\pm0.01a\\ 0.00\pm0.00a\\ 0.02\pm0.00c\\ 4.37\pm1.21bc\\ 0.12\pm0.05bc\\ 2.35\pm0.59bcd\\ 0.02\pm0.00ab\\ 0.02\pm0.00bc\\ 0.00\pm0.00b\\ 6.93\pm0.28b\\ \end{array}$	10:10:10:20 18 0.00±0.00b 0.01±0.01a 0.00±0.00ab 0.02±0.01c 4.87±1.21abc 0.42±0.36bc 2.23±0.75bcd 0.03±0.00ab 0.02±0.00bc 0.01±0.01ab 7.58±0.83ab	$\begin{array}{c} 0.1010,010 \\ \hline 19 \\ \hline 0.06\pm0.07a \\ 0.00\pm0.00a \\ 0.00\pm0.00ab \\ 0.06\pm0.06ab \\ 5.29\pm1.06abc \\ 0.17\pm0.14bc \\ 2.24\pm0.74ab \\ 0.02\pm0.01bc \\ 0.03\pm0.02ab \\ 0.01\pm0.01ab \\ 8.63\pm1.45ab \end{array}$
$ \begin{array}{c} \hline C \ Sim \ Sim \ C \ Sim \ C \ Sim \ $	$\begin{array}{c} 1.1 \\ 14 \\ 0.00 \pm 0.00b \\ 0.00 \pm 0.00a \\ 0.00 \pm 0.00ab \\ 0.03 \pm 0.01bc \\ 5.55 \pm 1.14abc \\ 0.16 \pm 0.05bc \\ 2.10 \pm 0.40bcd \\ 0.02 \pm 0.00ab \\ 0.01 \pm 0.00bc \\ 0.01 \pm 0.01bc \\ 7.88 \pm 0.75ab \\ 0.00 \pm 0.00ab \end{array}$	$\begin{array}{c} 1.15 \\ 15 \\ 0.00 \pm 0.00b \\ 0.01 \pm 0.01a \\ 0.00 \pm 0.00ab \\ 0.02 \pm 0.01c \\ 4.82 \pm 1.25abc \\ 0.41 \pm 0.37bc \\ 2.31 \pm 0.85bcd \\ 0.02 \pm 0.00ab \\ 0.02 \pm 0.00bc \\ 0.01 \pm 0.01ab \\ \hline 7.61 \pm 0.81ab \\ \hline 0.00 \pm 0.00b \end{array}$	$\begin{array}{c} 1.0000 \\ 1.000$	$\begin{array}{c} 1.10\pm0.00b\\ 17\\ 0.00\pm0.00b\\ 0.01\pm0.01a\\ 0.00\pm0.00a\\ 0.02\pm0.00c\\ 4.37\pm1.21bc\\ 0.12\pm0.05bc\\ 2.35\pm0.59bcd\\ 0.02\pm0.00bc\\ 0.02\pm0.00bc\\ 0.00\pm0.00b\\ 6.93\pm0.28b\\ 0.00\pm0.00ab\\ \end{array}$	$\begin{array}{c} 1.10\pm0.02b\\ \hline 18\\ \hline 0.00\pm0.00b\\ 0.01\pm0.01a\\ 0.00\pm0.00ab\\ 0.02\pm0.01c\\ 4.87\pm1.21abc\\ 0.42\pm0.36bc\\ 2.23\pm0.75bcd\\ 0.03\pm0.00ab\\ 0.02\pm0.00bc\\ 0.01\pm0.01ab\\ \hline 7.58\pm0.83ab\\ \hline 0.00\pm0.00ab\\ \hline \end{array}$	$\begin{array}{c} 0.10100010 \\ \hline 19 \\ \hline 0.06\pm0.07a \\ 0.00\pm0.00a \\ 0.00\pm0.00ab \\ 0.06\pm0.06ab \\ 5.29\pm1.06abc \\ 0.17\pm0.14bc \\ 2.24\pm0.74ab \\ 0.02\pm0.01bc \\ 0.03\pm0.02ab \\ 0.01\pm0.01ab \\ \hline 8.63\pm1.45ab \\ \hline 0.00\pm0.00ab \end{array}$
$\begin{tabular}{ c c c c c c c } \hline C & S:0 & C & S:0 & C & 10:0 & C & 12:0 & C & 14:0 & C & 16:0 & C & 17:0 & C & 16:0 & C & 21:0 & C & 21:0 & C & 21:0 & C & 21:0 & C & 24:0 & \hline \sum SFA$ & C & 14:1 & C & 16:1 & \hline \end{tabular}$	$\begin{array}{c} 1.1 \\ 14 \\ 0.00 \pm 0.00b \\ 0.00 \pm 0.00a \\ 0.00 \pm 0.00ab \\ 0.03 \pm 0.01bc \\ 5.55 \pm 1.14abc \\ 0.16 \pm 0.05bc \\ 2.10 \pm 0.40bcd \\ 0.02 \pm 0.00ab \\ 0.01 \pm 0.00bc \\ 0.01 \pm 0.01bc \\ 7.88 \pm 0.75ab \\ 0.00 \pm 0.00ab \\ 0.02 \pm 0.00bc \end{array}$	$\begin{array}{c} 1.15 \\ 1.5 \\ 0.00 \pm 0.00 b \\ 0.01 \pm 0.01 a \\ 0.00 \pm 0.00 a b \\ 0.02 \pm 0.01 c \\ 4.82 \pm 1.25 a b c \\ 0.41 \pm 0.37 b c \\ 2.31 \pm 0.85 b c d \\ 0.02 \pm 0.00 b c \\ 0.02 \pm 0.00 b c \\ 0.01 \pm 0.01 a b \\ \hline 7.61 \pm 0.81 a b \\ \hline 0.00 \pm 0.00 b \\ 0.03 \pm 0.01 b c \end{array}$	$\begin{array}{c} 1.0000\\ \hline 16\\ \hline 0.01\pm0.01b\\ 0.01\pm0.01a\\ \hline 0.00\pm0.00ab\\ \hline 0.03\pm0.02abc\\ \hline 5.25\pm1.73abc\\ \hline 0.22\pm0.15bc\\ \hline 3.06\pm1.06ab\\ \hline 0.02\pm0.01bc\\ \hline 0.02\pm0.01bc\\ \hline 0.02\pm0.01bc\\ \hline 0.02\pm0.00b\\ \hline 8.62\pm2.80ab\\ \hline 0.00\pm0.00b\\ \hline 0.02\pm0.02bc\\ \hline \end{array}$	17 0.00±0.00b 0.01±0.01a 0.00±0.00a 0.02±0.00c 4.37±1.21bc 0.12±0.05bc 2.35±0.59bcd 0.02±0.00bc 0.02±0.00bc 0.02±0.00bc 0.02±0.00bc 0.02±0.00bc 0.02±0.00bc 0.00±0.00b 6.93±0.28b 0.00±0.00ab 0.03±0.01ab	$\begin{array}{c} 0.10\pm0.020\\ \hline 18\\ 0.00\pm0.00b\\ 0.01\pm0.01a\\ 0.00\pm0.00ab\\ 0.02\pm0.01c\\ 4.87\pm1.21abc\\ 0.42\pm0.36bc\\ 2.23\pm0.75bcd\\ 0.03\pm0.00ab\\ 0.02\pm0.00bc\\ 0.01\pm0.01ab\\ \hline 7.58\pm0.83ab\\ \hline 0.00\pm0.00ab\\ 0.02\pm0.01bcd\\ \hline \end{array}$	$\begin{array}{c} 0.10\pm0.010\\ \hline 19\\ \hline 0.06\pm0.07a\\ 0.00\pm0.00a\\ \hline 0.00\pm0.00ab\\ \hline 0.06\pm0.06ab\\ 5.29\pm1.06abc\\ 0.17\pm0.14bc\\ 2.24\pm0.74ab\\ 0.02\pm0.01bc\\ \hline 0.03\pm0.02ab\\ \hline 0.01\pm0.01ab\\ \hline 8.63\pm1.45ab\\ \hline 0.00\pm0.00ab\\ \hline 0.02\pm0.01bc\\ \hline \end{array}$
	$\begin{array}{c} 14 \\ 0.00\pm 0.00b \\ 0.00\pm 0.00a \\ 0.00\pm 0.00a \\ 0.03\pm 0.01bc \\ 5.55\pm 1.14abc \\ 0.16\pm 0.05bc \\ 2.10\pm 0.40bcd \\ 0.02\pm 0.00ab \\ 0.01\pm 0.01ab \\ 7.88\pm 0.75ab \\ 0.00\pm 0.00ab \\ 0.02\pm 0.00ab \\ 0.02\pm 0.00bc \\ 0.02\pm 0.00bc \\ 0.02\pm 0.02ab \end{array}$	$\begin{array}{c} 1.15 \\ 1.5 \\ 0.00 \pm 0.00 b \\ 0.01 \pm 0.01 a \\ 0.00 \pm 0.00 a b \\ 0.02 \pm 0.01 c \\ 4.82 \pm 1.25 a b c \\ 0.41 \pm 0.37 b c \\ 2.31 \pm 0.85 b c d \\ 0.02 \pm 0.00 b \\ 0.02 \pm 0.00 b c \\ 0.01 \pm 0.01 a b \\ \hline 7.61 \pm 0.81 a b \\ 0.00 \pm 0.00 b \\ 0.03 \pm 0.01 b c \\ 0.02 \pm 0.01 a b \\ \hline \end{array}$	$\begin{array}{c} 0.01\pm0.000\\ \hline 16\\ 0.01\pm0.01b\\ 0.01\pm0.01a\\ 0.00\pm0.00ab\\ 0.03\pm0.02abc\\ 5.25\pm1.73abc\\ 0.22\pm0.15bc\\ 3.06\pm1.06ab\\ 0.02\pm0.01bc\\ 0.02\pm0.01abc\\ 0.02\pm0.01abc\\ 0.00\pm0.00b\\ \hline 8.62\pm2.80ab\\ \hline 0.00\pm0.00ab\\ 0.02\pm0.02bc\\ 0.02\pm0.02ab\\ \hline \end{array}$	$\begin{array}{c} 1.10\pm0.000\\ \hline 17\\ 0.00\pm0.00b\\ 0.01\pm0.01a\\ 0.00\pm0.00a\\ 0.02\pm0.00c\\ 4.37\pm1.21bc\\ 0.12\pm0.05bc\\ 2.35\pm0.59bcd\\ 0.02\pm0.00bc\\ 0.02\pm0.00bc\\ 0.00\pm0.00b\\ \hline 0.00\pm0.00b\\ \hline 0.00\pm0.00b\\ \hline 0.00\pm0.00ab\\ 0.03\pm0.28b\\ \hline 0.00\pm0.00ab\\ 0.03\pm0.01ab\\ 0.01\pm0.01ab\\ \hline \end{array}$	$\begin{array}{c} 0.10\pm0.020\\ \hline 18\\ \hline 0.00\pm0.00b\\ 0.01\pm0.01a\\ 0.00\pm0.00ab\\ 0.02\pm0.01c\\ 4.87\pm1.21abc\\ 0.42\pm0.36bc\\ 2.23\pm0.75bcd\\ 0.03\pm0.00ab\\ 0.02\pm0.00bc\\ 0.01\pm0.01ab\\ \hline 7.58\pm0.83ab\\ \hline 0.00\pm0.00ab\\ 0.02\pm0.01bcd\\ 0.02\pm0.01bcd\\ 0.02\pm0.02ab\\ \end{array}$	$\begin{array}{c} 0.1040.010 \\ \hline 19 \\ 0.06\pm0.07a \\ 0.00\pm0.00a \\ 0.00\pm0.00ab \\ 0.06\pm0.06ab \\ 5.29\pm1.06abc \\ 0.17\pm0.14bc \\ 2.24\pm0.74ab \\ 0.02\pm0.01bc \\ 0.03\pm0.02ab \\ 0.01\pm0.01ab \\ 8.63\pm1.45ab \\ 0.00\pm0.00ab \\ 0.02\pm0.01bc \\ 0.02\pm0.01bc \\ 0.02\pm0.02ab \end{array}$
	$\begin{array}{c} 11\\ 14\\ 0.00\pm 0.00b\\ 0.00\pm 0.00a\\ 0.00\pm 0.00a\\ 0.03\pm 0.01bc\\ 5.55\pm 1.14abc\\ 0.16\pm 0.05bc\\ 2.10\pm 0.40bcd\\ 0.02\pm 0.00ab\\ 0.01\pm 0.00bc\\ 0.01\pm 0.01ab\\ 7.88\pm 0.75ab\\ 0.00\pm 0.00ab\\ 0.02\pm 0.00bc\\ 0.02\pm 0.00bc\\ 0.02\pm 0.00bc\\ 0.02\pm 0.00bc\\ 0.02\pm 0.02ab\\ 17.06\pm 2.66a\\ \end{array}$	$\begin{array}{c} 1.15 \\ 15 \\ 0.00 \pm 0.00b \\ 0.01 \pm 0.01a \\ 0.00 \pm 0.00ab \\ 0.02 \pm 0.01c \\ 4.82 \pm 1.25 abc \\ 0.41 \pm 0.37 bc \\ 2.31 \pm 0.85 bcd \\ 0.02 \pm 0.00 ab \\ 0.02 \pm 0.00 bc \\ 0.01 \pm 0.01 ab \\ 7.61 \pm 0.81 ab \\ 0.00 \pm 0.00b \\ 0.03 \pm 0.01 bc \\ 0.02 \pm 0.01 ab \\ 15.32 \pm 1.27 a \end{array}$	$\begin{array}{c} 0.01\pm0.000\\ \hline 16\\ \hline 0.01\pm0.01b\\ 0.01\pm0.01a\\ \hline 0.00\pm0.00ab\\ \hline 0.03\pm0.02abc\\ \hline 5.25\pm1.73abc\\ \hline 0.22\pm0.15bc\\ \hline 3.06\pm1.06ab\\ \hline 0.02\pm0.01bc\\ \hline 0.02\pm0.01abc\\ \hline 0.00\pm0.00b\\ \hline 8.62\pm2.80ab\\ \hline 0.00\pm0.00ab\\ \hline 0.02\pm0.02bc\\ \hline 0.02\pm0.02bc\\ \hline 0.02\pm0.02bc\\ \hline 0.02\pm0.02ab\\ \hline 17.54\pm3.55a\\ \end{array}$	$\begin{array}{c} 1.10\pm0.00b\\ 17\\ 0.00\pm0.00b\\ 0.01\pm0.01a\\ 0.00\pm0.00a\\ 0.02\pm0.00c\\ 4.37\pm1.21bc\\ 0.12\pm0.05bc\\ 2.35\pm0.59bcd\\ 0.02\pm0.00bc\\ 0.02\pm0.00bc\\ 0.00\pm0.00b\\ 0.00\pm0.00b\\ 0.03\pm0.28b\\ 0.03\pm0.01ab\\ 0.01\pm0.01ab\\ 15.85\pm2.11a\\ \end{array}$	$\begin{array}{c} 1.10 \\ \hline 18 \\ \hline 0.00 \pm 0.00b \\ 0.01 \pm 0.01a \\ 0.00 \pm 0.00ab \\ 0.02 \pm 0.01c \\ 4.87 \pm 1.21 abc \\ 0.42 \pm 0.36 bc \\ 2.23 \pm 0.75 bcd \\ 0.03 \pm 0.00ab \\ 0.02 \pm 0.00 bc \\ 0.01 \pm 0.01 ab \\ \hline 7.58 \pm 0.83 ab \\ 0.00 \pm 0.00 ab \\ 0.02 \pm 0.01 bcd \\ 0.02 \pm 0.01 bcd \\ 0.02 \pm 0.02 ab \\ 16.52 \pm 2.11a \end{array}$	$\begin{array}{c} 0.1040.010 \\ \hline 19 \\ \hline 0.06\pm0.07a \\ 0.00\pm0.00a \\ \hline 0.00\pm0.00a \\ \hline 0.00\pm0.00ab \\ \hline 0.06\pm0.06ab \\ \hline 5.29\pm1.06abc \\ \hline 0.17\pm0.14bc \\ 2.24\pm0.74ab \\ \hline 0.02\pm0.01bc \\ \hline 0.03\pm0.02ab \\ \hline 0.01\pm0.01ab \\ \hline 8.63\pm1.45ab \\ \hline 0.00\pm0.00ab \\ \hline 0.02\pm0.01bc \\ \hline 0.02\pm0.02ab \\ \hline 18.32\pm0.53a \end{array}$
	$\begin{array}{c} 1.1 \\ 14 \\ 0.00 \pm 0.00b \\ 0.00 \pm 0.00a \\ 0.00 \pm 0.00a \\ 0.03 \pm 0.01bc \\ 5.55 \pm 1.14abc \\ 0.16 \pm 0.05bc \\ 2.10 \pm 0.40bcd \\ 0.02 \pm 0.00ab \\ 0.01 \pm 0.00bc \\ 0.01 \pm 0.01ab \\ 7.88 \pm 0.75ab \\ 0.00 \pm 0.00ab \\ 0.02 \pm 0.00ab \\ 0.02 \pm 0.00ab \\ 17.06 \pm 2.66a \\ 0.02 \pm 0.01abcd \\ \end{array}$	$\begin{array}{c} 1.15 \\ 15 \\ 0.00 \pm 0.00 b \\ 0.01 \pm 0.01 a \\ 0.00 \pm 0.00 a b \\ 0.02 \pm 0.01 c \\ 4.82 \pm 1.25 a b c \\ 0.41 \pm 0.37 b c \\ 2.31 \pm 0.85 b c d \\ 0.02 \pm 0.00 a b \\ 0.02 \pm 0.00 b c \\ 0.01 \pm 0.01 a b \\ 7.61 \pm 0.81 a b \\ 0.00 \pm 0.00 b \\ 0.03 \pm 0.01 b c \\ 0.02 \pm 0.01 a b \\ 15.32 \pm 1.27 a \\ 0.02 \pm 0.01 a b c \\ \end{array}$	$\begin{array}{c} 1.0000 \\ \hline 16 \\ \hline 0.01\pm 0.01b \\ 0.01\pm 0.01a \\ \hline 0.00\pm 0.00ab \\ \hline 0.03\pm 0.02abc \\ \hline 5.25\pm 1.73abc \\ \hline 0.22\pm 0.15bc \\ \hline 3.06\pm 1.06ab \\ \hline 0.02\pm 0.01bc \\ \hline 0.02\pm 0.01bc \\ \hline 0.00\pm 0.00b \\ \hline 8.62\pm 2.80ab \\ \hline 0.00\pm 0.00ab \\ \hline 0.02\pm 0.02bc \\ \hline 0.02\pm 0.02ab \\ \hline 17.54\pm 3.55a \\ \hline 0.02\pm 0.01abcd \\ \hline \end{array}$	$\begin{array}{c} 1.10\pm0.00b\\ 17\\ \hline 0.00\pm0.00b\\ 0.01\pm0.01a\\ 0.00\pm0.00a\\ 0.02\pm0.00c\\ 4.37\pm1.21bc\\ 0.12\pm0.05bc\\ 2.35\pm0.59bcd\\ 0.02\pm0.00ab\\ 0.02\pm0.00b\\ \hline 0.02\pm0.00b\\ \hline 0.00\pm0.00b\\ \hline 0.03\pm0.28b\\ \hline 0.00\pm0.00ab\\ 0.03\pm0.01ab\\ 15.85\pm2.11a\\ 0.03\pm0.01a\\ \end{array}$	$\begin{array}{c} 1.1 \\ \hline 18 \\ \hline 0.00 \pm 0.00b \\ 0.01 \pm 0.01a \\ 0.00 \pm 0.00ab \\ 0.02 \pm 0.01c \\ \hline 4.87 \pm 1.21 abc \\ 0.42 \pm 0.36 bc \\ 2.23 \pm 0.75 bcd \\ 0.03 \pm 0.00ab \\ 0.02 \pm 0.00bc \\ 0.01 \pm 0.01ab \\ \hline 7.58 \pm 0.83 ab \\ \hline 0.00 \pm 0.00ab \\ 0.02 \pm 0.01bcd \\ 0.02 \pm 0.01bcd \\ 0.02 \pm 0.02ab \\ 16.52 \pm 2.11a \\ 0.01 \pm 0.00bcd \\ \end{array}$	$\begin{array}{c} 0.10\pm0.010\\ \hline 19\\ \hline 0.06\pm0.07a\\ 0.00\pm0.00a\\ 0.00\pm0.00a\\ \hline 0.00\pm0.00a\\ 0.00\pm0.00a\\ \hline 0.00\pm0.00a\\ \hline 0.02\pm1.06abc\\ \hline 0.17\pm0.14bc\\ \hline 2.24\pm0.74ab\\ \hline 0.02\pm0.01bc\\ \hline 0.02\pm0.01bc\\ \hline 0.02\pm0.01ab\\ \hline 0.02\pm0.01bc\\ \hline 0.02\pm0.01bc\\ \hline 0.02\pm0.01bc\\ \hline 0.02\pm0.01bc\\ \hline 0.02\pm0.01abc\\ \hline 18.32\pm0.53a\\ \hline 0.02\pm0.01abcd\\ \hline \end{array}$
	$\begin{array}{c} 14 \\ 14 \\ 0.00\pm 0.00b \\ 0.00\pm 0.00a \\ 0.00\pm 0.00a \\ 0.03\pm 0.01bc \\ 5.55\pm 1.14abc \\ 0.16\pm 0.05bc \\ 2.10\pm 0.40bcd \\ 0.02\pm 0.00ab \\ 0.01\pm 0.00bc \\ 0.01\pm 0.01ab \\ 7.88\pm 0.75ab \\ 0.00\pm 0.00bc \\ 0.02\pm 0.00ab \\ 0.02\pm 0.02ab \\ 17.06\pm 2.66a \\ 0.02\pm 0.01abcd \\ 0.00\pm 0.00b \end{array}$	$\begin{array}{c} 1.15 \\ 15 \\ 0.00 \pm 0.00 b \\ 0.01 \pm 0.01 a \\ 0.00 \pm 0.00 a b \\ 0.02 \pm 0.01 c \\ 4.82 \pm 1.25 a b c \\ 0.41 \pm 0.37 b c \\ 2.31 \pm 0.85 b c d \\ 0.02 \pm 0.00 a b \\ 0.02 \pm 0.00 b c \\ 0.01 \pm 0.01 a b \\ 7.61 \pm 0.81 a b \\ 0.00 \pm 0.00 b \\ 0.03 \pm 0.01 b c \\ 0.02 \pm 0.01 a b \\ 15.32 \pm 1.27 a \\ 0.02 \pm 0.01 a b c d \\ 0.00 \pm 0.00 b \end{array}$	$\begin{array}{c} 0.02\pm0.000\\ \hline 16\\ \hline 0.01\pm0.01b\\ 0.01\pm0.01a\\ \hline 0.00\pm0.00ab\\ \hline 0.03\pm0.02abc\\ \hline 5.25\pm1.73abc\\ \hline 0.22\pm0.15bc\\ \hline 3.06\pm1.06ab\\ \hline 0.02\pm0.01bc\\ \hline 0.02\pm0.01abc\\ \hline 0.00\pm0.00b\\ \hline 8.62\pm2.80ab\\ \hline 0.00\pm0.00ab\\ \hline 0.02\pm0.02bc\\ \hline 0.02\pm0.02ab\\ \hline 17.54\pm3.55a\\ \hline 0.02\pm0.01abcd\\ \hline 0.02\pm0.01bc\\ \hline 0.02\pm0.01bc\\ \hline 0.02\pm0.01bc\\ \hline 0.02\pm0.00ab\\ \hline 0.02\pm0.00ab\\ \hline 0.02\pm0.00ab\\ \hline 0.02\pm0.00ab\\ \hline 0.02\pm0.00ab\\ \hline 0.00\pm0.00b\\ \hline \end{array}$	$\begin{array}{c} 1.10\pm0.00b\\ 17\\ \hline 0.00\pm0.00b\\ 0.01\pm0.01a\\ 0.00\pm0.00a\\ 0.02\pm0.00c\\ 4.37\pm1.21bc\\ 0.12\pm0.05bc\\ 2.35\pm0.59bcd\\ 0.02\pm0.00ab\\ 0.02\pm0.00bc\\ 0.00\pm0.00b\\ \hline 0.00\pm0.00b\\ 0.03\pm0.01ab\\ 0.01\pm0.01ab\\ 15.85\pm2.11a\\ 0.03\pm0.01a\\ 0.00\pm0.00b\\ \end{array}$	$\begin{array}{c} 1.10 \pm 0.02 b \\ \hline 18 \\ \hline 0.00 \pm 0.00 b \\ 0.01 \pm 0.01 a \\ 0.00 \pm 0.00 a b \\ 0.02 \pm 0.01 c \\ 4.87 \pm 1.21 a b c \\ 0.42 \pm 0.36 b c \\ 2.23 \pm 0.75 b c d \\ 0.03 \pm 0.00 a b \\ 0.02 \pm 0.00 b c \\ 0.01 \pm 0.01 a b \\ \hline 7.58 \pm 0.83 a b \\ 0.00 \pm 0.00 a b \\ 0.02 \pm 0.01 b c d \\ 0.02 \pm 0.01 b c d \\ 0.02 \pm 2.11 a \\ 0.01 \pm 0.00 b c d \\ 0.00 \pm 0.00 b \end{array}$	$\begin{array}{c} 0.1010,0110\\ \hline 19\\ \hline 0.06\pm0.07a\\ 0.00\pm0.00a\\ 0.00\pm0.00a\\ 0.00\pm0.00ab\\ 0.06\pm0.06ab\\ 5.29\pm1.06abc\\ 0.17\pm0.14bc\\ 2.24\pm0.74ab\\ 0.02\pm0.01bc\\ 0.03\pm0.02ab\\ 0.01\pm0.01ab\\ 0.02\pm0.01bc\\ 0.02\pm0.01bc\\ 0.02\pm0.01bc\\ 0.02\pm0.01ab\\ 18.32\pm0.53a\\ 0.02\pm0.01abcd\\ 0.02\pm0.01bc\\ 0.02\pm0.01abcd\\ 0.00\pm0.00b\\ \hline \end{array}$
$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$	$\begin{array}{c} 1.1 \\ 14 \\ 0.00 \pm 0.00b \\ 0.00 \pm 0.00a \\ 0.00 \pm 0.00a \\ 0.03 \pm 0.01bc \\ 5.55 \pm 1.14abc \\ 0.16 \pm 0.05bc \\ 2.10 \pm 0.40bcd \\ 0.02 \pm 0.00ab \\ 0.01 \pm 0.00bc \\ 0.01 \pm 0.01ab \\ \hline 7.88 \pm 0.75ab \\ 0.00 \pm 0.00bc \\ 0.02 \pm 0.00bc \\ 0.02 \pm 0.02ab \\ 17.06 \pm 2.66a \\ 0.02 \pm 0.01abcd \\ 0.00 \pm 0.00b \\$	$\begin{array}{c} 1.15 \\ 15 \\ 0.00 \pm 0.00b \\ 0.01 \pm 0.01a \\ 0.00 \pm 0.00ab \\ 0.02 \pm 0.01c \\ 4.82 \pm 1.25 abc \\ 0.41 \pm 0.37 bc \\ 2.31 \pm 0.85 bcd \\ 0.02 \pm 0.00ab \\ 0.02 \pm 0.00bc \\ 0.01 \pm 0.01ab \\ 7.61 \pm 0.81 ab \\ 0.00 \pm 0.00b \\ 0.03 \pm 0.01 bc \\ 0.02 \pm 0.01 ab \\ 15.32 \pm 1.27a \\ 0.02 \pm 0.01 abcd \\ 0.02 \pm 0.01ab \\ 0.02 \pm 0.01ab \\ 0.02 \pm 0.01abcd \\ 0.00 \pm 0.00b \\ 0.00 \pm 0.00b \\ 0.00 \pm 0.00abc \\ \end{array}$	$\begin{array}{c} 0.02\pm0.000\\ \hline 16\\ \hline 0.01\pm0.01b\\ 0.01\pm0.01a\\ \hline 0.00\pm0.00ab\\ \hline 0.03\pm0.02abc\\ \hline 5.25\pm1.73abc\\ \hline 0.22\pm0.15bc\\ \hline 3.06\pm1.06ab\\ \hline 0.02\pm0.01bc\\ \hline 0.02\pm0.01bc\\ \hline 0.00\pm0.00b\\ \hline 8.62\pm2.80ab\\ \hline 0.00\pm0.00ab\\ \hline 0.02\pm0.02bc\\ \hline 0.02\pm0.02ab\\ \hline 17.54\pm3.55a\\ \hline 0.02\pm0.01abcd\\ \hline 0.02\pm0.01bc\\ \hline 0.02\pm0.01bc\\ \hline 0.02\pm0.01bc\\ \hline 0.02\pm0.00ab\\ \hline 0.02\pm0.00b\\ \hline 0.00\pm0.00b\\ \hline 0.00\pm0.00b\\ \hline 0.00\pm0.00b\\ \hline 0.00\pm0.00bc\\ \hline 0.00\pm0.00b\\ \hline 0.00\pm0.00b\\$	$\begin{array}{c} 1.10\pm0.00b\\ 17\\ \hline 0.00\pm0.00b\\ 0.01\pm0.01a\\ 0.00\pm0.00a\\ 0.02\pm0.00c\\ 4.37\pm1.21bc\\ 0.12\pm0.05bc\\ 2.35\pm0.59bcd\\ 0.02\pm0.00bc\\ 0.02\pm0.00bc\\ 0.00\pm0.00b\\ \hline 0.03\pm0.28b\\ 0.00\pm0.00ab\\ 0.03\pm0.01ab\\ 0.01\pm0.01ab\\ 15.85\pm2.11a\\ 0.03\pm0.01a\\ 0.03\pm0.01a\\ 0.00\pm0.00b\\ \hline 0.00\pm0.00b\\ \hline 0.00\pm0.00bc\\ \hline \end{array}$	$\begin{array}{c} 1.10\pm0.02b\\ \hline 18\\ \hline 0.00\pm0.00b\\ 0.01\pm0.01a\\ 0.00\pm0.00ab\\ 0.02\pm0.01c\\ 4.87\pm1.21abc\\ 0.42\pm0.36bc\\ 2.23\pm0.75bcd\\ 0.03\pm0.00ab\\ 0.02\pm0.00bc\\ 0.01\pm0.01ab\\ \hline 7.58\pm0.83ab\\ \hline 0.00\pm0.00ab\\ 0.02\pm0.01bcd\\ 0.02\pm0.01bcd\\ 0.02\pm0.01bcd\\ 0.02\pm2.11a\\ 0.01\pm0.00bc\\ 0.00\pm0.00b\\ 0.00\pm0.00b\\ \hline 0.00\pm0.00bc\\ \hline 0.00\pm0.00bc$	$\begin{array}{c} 0.10100010 \\ \hline 19 \\ \hline 0.06\pm0.07a \\ 0.00\pm0.00a \\ 0.00\pm0.00a \\ 0.00\pm0.00ab \\ \hline 0.06\pm0.06ab \\ 5.29\pm1.06abc \\ 0.17\pm0.14bc \\ 2.24\pm0.74ab \\ 0.02\pm0.01bc \\ 0.03\pm0.02ab \\ 0.01\pm0.01ab \\ \hline 8.63\pm1.45ab \\ 0.00\pm0.00ab \\ 0.02\pm0.01bc \\ 0.02\pm0.01bc \\ 0.02\pm0.01ab \\ 0.02\pm0.01ab \\ 0.02\pm0.01abcd \\ 0.00\pm0.00b \\ 0.00\pm0.00b \\ \hline 0.00\pm0.00bc \\ \hline \end{array}$
$ \begin{array}{c} \hline C \ 20111 \ C \ 2011$	$\begin{array}{c} 1.1 \\ 14 \\ 0.00 \pm 0.00b \\ 0.00 \pm 0.00a \\ 0.00 \pm 0.00ab \\ 0.03 \pm 0.01bc \\ 5.55 \pm 1.14abc \\ 0.16 \pm 0.05bc \\ 2.10 \pm 0.40bcd \\ 0.02 \pm 0.00ab \\ 0.01 \pm 0.00bc \\ 0.01 \pm 0.01ab \\ \hline 7.88 \pm 0.75ab \\ 0.00 \pm 0.00ab \\ 0.02 \pm 0.00bc \\ 0.02 \pm 0.00bc \\ 0.02 \pm 0.00bc \\ 0.02 \pm 0.02ab \\ 17.06 \pm 2.66a \\ 0.02 \pm 0.01abcd \\ 0.00 \pm 0.00abc \\ 17.12 \pm 2.67a \end{array}$	$\begin{array}{c} 1.15 \\ 1.5 \\ 0.00 \pm 0.00b \\ 0.01 \pm 0.01a \\ 0.00 \pm 0.00ab \\ 0.02 \pm 0.01c \\ 4.82 \pm 1.25abc \\ 0.41 \pm 0.37bc \\ 2.31 \pm 0.85bcd \\ 0.02 \pm 0.00bc \\ 0.02 \pm 0.00bc \\ 0.01 \pm 0.01ab \\ \hline 7.61 \pm 0.81ab \\ 0.00 \pm 0.00b \\ 0.03 \pm 0.01bc \\ 0.02 \pm 0.01bc \\ 0.02 \pm 0.01ab \\ 15.32 \pm 1.27a \\ 0.02 \pm 0.01abcd \\ 0.00 \pm 0.00b \\ 0.00 \pm 0.00b \\ 0.00 \pm 0.00bc \\ 15.39 \pm 1.27a \end{array}$	$\begin{array}{c} 0.02\pm0.000\\ \hline 16\\ \hline 0.01\pm0.01b\\ 0.01\pm0.01a\\ 0.00\pm0.00ab\\ \hline 0.03\pm0.02abc\\ 5.25\pm1.73abc\\ \hline 0.22\pm0.15bc\\ \hline 3.06\pm1.06ab\\ \hline 0.02\pm0.01bc\\ \hline 0.02\pm0.01bc\\ \hline 0.02\pm0.01abc\\ \hline 0.00\pm0.00b\\ \hline 0.00\pm0.00b\\ \hline 0.02\pm0.02bc\\ \hline 0.02\pm0.02bc\\ \hline 0.02\pm0.02bc\\ \hline 0.02\pm0.02bc\\ \hline 0.02\pm0.02bc\\ \hline 0.02\pm0.01abcd\\ \hline 0.00\pm0.00b\\ \hline 0.00\pm0.00b\\ \hline 0.00\pm0.00b\\ \hline 0.00\pm0.00b\\ \hline 17.60\pm3.59a\\ \hline \end{array}$	$\begin{array}{c} 1.10\pm0.00b\\ 17\\ \hline 0.00\pm0.00b\\ 0.01\pm0.01a\\ 0.00\pm0.00a\\ 0.02\pm0.00c\\ 4.37\pm1.21bc\\ 0.12\pm0.05bc\\ 2.35\pm0.59bcd\\ 0.02\pm0.00ab\\ 0.02\pm0.00bc\\ 0.00\pm0.00b\\ \hline 0.00\pm0.00b\\ 0.03\pm0.01ab\\ 0.01\pm0.01ab\\ 15.85\pm2.11a\\ 0.03\pm0.01a\\ 0.00\pm0.00b\\ 0.00\pm0.00b\\ \hline 0.00\pm0.00b\\ \hline 15.93\pm2.13a\\ \end{array}$	$\begin{array}{c} 1.10\pm0.02b\\ 18\\ \hline 0.00\pm0.00b\\ 0.01\pm0.01a\\ 0.00\pm0.00ab\\ 0.02\pm0.01c\\ 4.87\pm1.21abc\\ 0.42\pm0.36bc\\ 2.23\pm0.75bcd\\ 0.03\pm0.00ab\\ 0.02\pm0.00bc\\ 0.01\pm0.01ab\\ \hline 7.58\pm0.83ab\\ 0.00\pm0.00ab\\ 0.02\pm0.01bcd\\ 0.02\pm0.01bcd\\ 0.02\pm0.01bcd\\ 0.02\pm0.02ab\\ 16.52\pm2.11a\\ 0.01\pm0.00bc\\ 0.00\pm0.00b\\ 0.00\pm0.00bc\\ 16.57\pm2.12a\\ \end{array}$	$\begin{array}{c} 0.1010,010 \\ \hline 19 \\ \hline 0.06\pm0.07a \\ 0.00\pm0.00a \\ 0.00\pm0.00a \\ 0.00\pm0.00ab \\ 0.06\pm0.06ab \\ 5.29\pm1.06abc \\ 0.17\pm0.14bc \\ 2.24\pm0.74ab \\ 0.02\pm0.01bc \\ 0.03\pm0.02ab \\ 0.01\pm0.01ab \\ 8.63\pm1.45ab \\ 0.00\pm0.00ab \\ 0.02\pm0.01bc \\ 0.02\pm0.01bc \\ 0.02\pm0.01bc \\ 0.02\pm0.01bc \\ 0.02\pm0.01abcd \\ 0.02\pm0.01abcd \\ 0.00\pm0.00b \\ 0.00\pm0.00b \\ 0.00\pm0.00b \\ 18.39\pm0.53a \end{array}$
$ \begin{array}{c} \hline C & 111 & C & 112 \\ \hline Fatty Acids \\ \hline C & 8:0 \\ \hline C & 10:0 \\ \hline C & 12:0 \\ \hline C & 14:0 \\ \hline C & 14:0 \\ \hline C & 16:0 \\ \hline C & 17:0 \\ \hline C & 20:0 \\ \hline C & 20:0 \\ \hline C & 21:0 \\ \hline C & 20:0 \\ \hline C & 21:0 \\ \hline C & 21:0 \\ \hline C & 21:0 \\ \hline C & 24:0 \\ \hline \sum SFA \\ \hline C & 14:1 \\ \hline C & 16:1 \\ \hline C & 17:1 \\ \hline C & 18:1 \\ \hline C & 20:1 \\ \hline C & 22:1 \\ \hline C & 24:1 \\ \hline \sum MUFA \\ \hline C & 18:2 \\ \hline \end{array} $	$\begin{array}{c} 1.1 \\ 14 \\ 0.00 \pm 0.00b \\ 0.00 \pm 0.00a \\ 0.00 \pm 0.00ab \\ 0.03 \pm 0.01bc \\ 5.55 \pm 1.14abc \\ 0.16 \pm 0.05bc \\ 2.10 \pm 0.40bcd \\ 0.02 \pm 0.00ab \\ 0.01 \pm 0.00bc \\ 0.01 \pm 0.00bc \\ 0.01 \pm 0.00bc \\ 0.02 \pm 0.00ab \\ 0.02 \pm 0.00bc \\ 0.02 \pm 0.00bc \\ 0.02 \pm 0.00bc \\ 0.02 \pm 0.02ab \\ 17.06 \pm 2.66a \\ 0.02 \pm 0.01abcd \\ 0.00 \pm 0.00bc \\ 0.00 \pm 0.00bc \\ 0.00 \pm 0.00bc \\ 17.12 \pm 2.67a \\ 61.35 \pm 1.44ab \end{array}$	$\begin{array}{c} 1.5 \\ 1.5 \\ 0.00 \pm 0.00b \\ 0.01 \pm 0.01a \\ 0.00 \pm 0.00ab \\ 0.02 \pm 0.01c \\ 4.82 \pm 1.25 abc \\ 0.41 \pm 0.37 bc \\ 2.31 \pm 0.85 bcd \\ 0.02 \pm 0.00 bc \\ 0.02 \pm 0.00 bc \\ 0.01 \pm 0.01 ab \\ \hline 7.61 \pm 0.81 ab \\ \hline 0.00 \pm 0.00b \\ 0.03 \pm 0.01 bc \\ 0.02 \pm 0.01 bc \\ 0.02 \pm 0.01 ab \\ 15.32 \pm 1.27 a \\ 0.02 \pm 0.01 ab cd \\ 0.00 \pm 0.00 b \\ 0.00 \pm 0.00 bc \\ 15.39 \pm 1.27 a \\ 61.51 \pm 3.91 ab \\ \hline \end{array}$	$\begin{array}{c} 0.01\pm0.000\\ \hline 16\\ \hline 0.01\pm0.01b\\ 0.01\pm0.01a\\ \hline 0.00\pm0.00ab\\ \hline 0.03\pm0.02abc\\ \hline 5.25\pm1.73abc\\ \hline 0.22\pm0.15bc\\ \hline 3.06\pm1.06ab\\ \hline 0.02\pm0.01bc\\ \hline 0.02\pm0.01abc\\ \hline 0.02\pm0.01abc\\ \hline 0.02\pm0.01abc\\ \hline 0.00\pm0.00b\\ \hline 8.62\pm2.80ab\\ \hline 0.00\pm0.00b\\ \hline 8.62\pm2.80ab\\ \hline 0.00\pm0.00b\\ \hline 0.02\pm0.02bc\\ \hline 0.02\pm0.02ab\\ \hline 17.54\pm3.55a\\ \hline 0.02\pm0.01abcd\\ \hline 0.00\pm0.00b\\ \hline 0.00\pm0.00bc\\ \hline 17.60\pm3.59a\\ \hline 57.56\pm4.00b\\ \hline \end{array}$	$\begin{array}{c} 1.10\pm0.000\\ 17\\ 17\\ 0.00\pm0.00b\\ 0.01\pm0.01a\\ 0.00\pm0.00a\\ 0.02\pm0.00c\\ 4.37\pm1.21bc\\ 0.12\pm0.05bc\\ 2.35\pm0.59bcd\\ 0.02\pm0.00bc\\ 0.02\pm0.00bc\\ 0.00\pm0.00b\\ 6.93\pm0.28b\\ 0.00\pm0.00b\\ 0.03\pm0.01ab\\ 0.03\pm0.01ab\\ 0.01\pm0.01ab\\ 15.85\pm2.11a\\ 0.03\pm0.01a\\ 0.00\pm0.00bc\\ 15.93\pm2.13a\\ 64.42\pm4.65a\\ \end{array}$	$\begin{array}{c} 0.10\pm0.02b\\ \hline 18\\ \hline 0.00\pm0.00b\\ 0.01\pm0.01a\\ \hline 0.00\pm0.00ab\\ \hline 0.02\pm0.01c\\ \hline 4.87\pm1.21abc\\ \hline 0.42\pm0.36bc\\ \hline 2.23\pm0.75bcd\\ \hline 0.03\pm0.00ab\\ \hline 0.02\pm0.00bc\\ \hline 0.01\pm0.01ab\\ \hline 7.58\pm0.83ab\\ \hline 0.00\pm0.00ab\\ \hline 0.02\pm0.01bcd\\ \hline 0.02\pm0.01bcd\\ \hline 0.02\pm0.01bcd\\ \hline 0.02\pm0.02ab\\ \hline 16.52\pm2.11a\\ \hline 0.01\pm0.00bc\\ \hline 0.00\pm0.00bc\\ \hline 0.00\pm0.00bc\\ \hline 16.57\pm2.12a\\ \hline 6.27\pm1.2a\\ \hline 6.27\pm1.80ab\\ \hline \end{array}$	$\begin{array}{c} 0.10\pm0.016\\ \hline 19\\ \hline 0.06\pm0.07a\\ 0.00\pm0.00a\\ \hline 0.00\pm0.00a\\ \hline 0.00\pm0.00ab\\ \hline 0.06\pm0.06ab\\ \hline 5.29\pm1.06abc\\ \hline 0.17\pm0.14bc\\ \hline 2.24\pm0.74ab\\ \hline 0.02\pm0.01bc\\ \hline 0.03\pm0.02ab\\ \hline 0.01\pm0.01ab\\ \hline 8.63\pm1.45ab\\ \hline 0.00\pm0.00ab\\ \hline 0.02\pm0.01bc\\ \hline 0.02\pm0.01bc\\ \hline 0.02\pm0.01bc\\ \hline 0.02\pm0.02ab\\ \hline 18.32\pm0.53a\\ \hline 0.00\pm0.00bc\\ \hline 18.39\pm0.53a\\ \hline 0.04\pm0.97ab\\ \hline \end{array}$
$ \begin{array}{c} \hline c \ 18:0 \\ \hline Fatty \ Acids \\ \hline C \ 8:0 \\ \hline C \ 10:0 \\ \hline C \ 12:0 \\ \hline C \ 12:0 \\ \hline C \ 14:0 \\ \hline C \ 14:0 \\ \hline C \ 16:0 \\ \hline C \ 17:0 \\ \hline C \ 20:0 \\ \hline C \ 20:0 \\ \hline C \ 21:0 \\ \hline C \ 24:0 \\ \hline \sum \ SFA \\ \hline C \ 14:1 \\ \hline C \ 16:1 \\ \hline C \ 17:1 \\ \hline C \ 18:1 \\ \hline C \ 20:1 \\ \hline C \ 22:1 \\ \hline C \ 24:1 \\ \hline \sum \ MUFA \\ \hline C \ 18:2 \\ \hline C \ 18:3 \\ \end{array} $	$\begin{array}{c} 1.1 \\ 14 \\ 0.00 \pm 0.00b \\ 0.00 \pm 0.00a \\ 0.00 \pm 0.00a \\ 0.03 \pm 0.01bc \\ 5.55 \pm 1.14abc \\ 0.16 \pm 0.05bc \\ 2.10 \pm 0.40bcd \\ 0.02 \pm 0.00ab \\ 0.01 \pm 0.00bc \\ 0.01 \pm 0.01ab \\ \hline 7.88 \pm 0.75ab \\ 0.00 \pm 0.00ab \\ 0.02 \pm 0.00bc \\ 0.02 \pm 0.02ab \\ 17.06 \pm 2.66a \\ 0.02 \pm 0.01abcd \\ 0.00 \pm 0.00ab \\ 0.00 \pm 0.00ab \\ 17.10 \pm 2.67a \\ 61.35 \pm 1.44ab \\ 13.63 \pm 0.99a \end{array}$	$\begin{array}{c} 1.5 \\ 15 \\ 0.00 \pm 0.00b \\ 0.01 \pm 0.01a \\ 0.00 \pm 0.00ab \\ 0.02 \pm 0.01c \\ 4.82 \pm 1.25 abc \\ 0.41 \pm 0.37 bc \\ 2.31 \pm 0.85 bcd \\ 0.02 \pm 0.00 bc \\ 0.02 \pm 0.00 bc \\ 0.02 \pm 0.00 bc \\ 0.01 \pm 0.01 ab \\ \hline 7.61 \pm 0.81 ab \\ \hline 0.00 \pm 0.00b \\ 0.03 \pm 0.01 bc \\ 0.02 \pm 0.01 ab \\ 15.32 \pm 1.27 a \\ 0.02 \pm 0.01 ab cd \\ 0.00 \pm 0.00 bc \\ 0.00 \pm 0.00 bc \\ \hline 15.39 \pm 1.27 a \\ \hline 61.51 \pm 3.91 ab \\ 15.44 \pm 2.29 a \end{array}$	$\begin{array}{c} 0.01\pm0.000\\ \hline 16\\ \hline 0.01\pm0.01b\\ 0.01\pm0.01a\\ \hline 0.00\pm0.00ab\\ \hline 0.03\pm0.02abc\\ \hline 5.25\pm1.73abc\\ \hline 0.22\pm0.15bc\\ \hline 3.06\pm1.06ab\\ \hline 0.02\pm0.01bc\\ \hline 0.02\pm0.01abc\\ \hline 0.02\pm0.01abc\\ \hline 0.00\pm0.00b\\ \hline 8.62\pm2.80ab\\ \hline 0.00\pm0.00b\\ \hline 8.62\pm2.80ab\\ \hline 0.00\pm0.00b\\ \hline 0.02\pm0.02bc\\ \hline 0.02\pm0.02bc\\ \hline 0.02\pm0.02bc\\ \hline 0.02\pm0.02ab\\ \hline 17.54\pm3.55a\\ \hline 0.02\pm0.01abcd\\ \hline 0.00\pm0.00b\\ \hline 17.60\pm3.59a\\ \hline 57.56\pm4.00b\\ \hline 16.17\pm9.48a\\ \hline \end{array}$	$\begin{array}{c} 1.10\pm0.000\\ \hline 17\\ \hline 0.00\pm0.00b\\ 0.01\pm0.01a\\ 0.00\pm0.00a\\ 0.02\pm0.00c\\ 4.37\pm1.21bc\\ 0.12\pm0.05bc\\ 2.35\pm0.59bcd\\ 0.02\pm0.00bc\\ 0.02\pm0.00bc\\ 0.00\pm0.00b\\ \hline 0.02\pm0.00bc\\ 0.00\pm0.00b\\ \hline 0.00\pm0.00b\\ \hline 0.03\pm0.01ab\\ 0.01\pm0.01ab\\ 15.85\pm2.11a\\ 0.03\pm0.01a\\ 0.00\pm0.00bc\\ \hline 15.93\pm2.13a\\ \hline 64.42\pm4.65a\\ 12.71\pm5.61a\\ \hline \end{array}$	$\begin{array}{c} 0.10\pm0.02b\\ \hline 18\\ \hline 0.00\pm0.00b\\ 0.01\pm0.01a\\ \hline 0.00\pm0.00ab\\ \hline 0.02\pm0.01c\\ \hline 4.87\pm1.21abc\\ \hline 0.42\pm0.36bc\\ \hline 2.23\pm0.75bcd\\ \hline 0.03\pm0.00ab\\ \hline 0.02\pm0.00bc\\ \hline 0.01\pm0.01ab\\ \hline 7.58\pm0.83ab\\ \hline 0.00\pm0.00ab\\ \hline 0.02\pm0.01bcd\\ \hline 0.02\pm0.01bcd\\ \hline 0.02\pm0.02ab\\ \hline 16.52\pm2.11a\\ \hline 0.01\pm0.00bc\\ \hline 0.00\pm0.00bc\\ \hline 0.00\pm0.00bc\\ \hline 0.00\pm0.00bc\\ \hline 16.57\pm2.12a\\ \hline 62.70\pm1.80ab\\ \hline 13.11\pm0.59a\\ \hline \end{array}$	$\begin{array}{c} 0.1020016\\ \hline 19\\ \hline 0.06\pm0.07a\\ 0.00\pm0.00a\\ 0.00\pm0.00a\\ \hline 0.00\pm0.00a\\ 0.00\pm0.00ab\\ \hline 0.00\pm0.00ab\\ \hline 0.29\pm1.06abc\\ \hline 0.17\pm0.14bc\\ 2.24\pm0.74ab\\ 0.02\pm0.01bc\\ \hline 0.03\pm0.02ab\\ \hline 0.01\pm0.01ab\\ \hline 8.63\pm1.45ab\\ \hline 0.00\pm0.00ab\\ \hline 0.02\pm0.01bc\\ \hline 0.02\pm0.01bc\\ \hline 0.02\pm0.01bc\\ \hline 0.02\pm0.01bc\\ \hline 0.02\pm0.01bc\\ \hline 0.02\pm0.01bc\\ \hline 0.00\pm0.00bc\\ \hline 18.39\pm0.53a\\ \hline 60.44\pm0.97ab\\ \hline 12.49\pm1.26a\\ \end{array}$
$ \begin{array}{c} \hline Fatty Acids \\ \hline C 8:0 \\ \hline C 10:0 \\ \hline C 12:0 \\ \hline C 12:0 \\ \hline C 14:0 \\ \hline C 14:0 \\ \hline C 16:0 \\ \hline C 17:0 \\ \hline C 18:0 \\ \hline C 20:0 \\ \hline C 21:0 \\ \hline C 24:0 \\ \hline \sum SFA \\ \hline C 14:1 \\ \hline C 16:1 \\ \hline C 17:1 \\ \hline C 18:1 \\ \hline C 20:1 \\ \hline C 22:1 \\ \hline C 24:1 \\ \hline \sum MUFA \\ \hline C 18:2 \\ \hline C 18:3 \\ \hline C 20:2 \\ \end{array} $	$\begin{array}{c} 1.1 \\ 14 \\ 0.00 \pm 0.00b \\ 0.00 \pm 0.00a \\ 0.00 \pm 0.00a \\ 0.03 \pm 0.01bc \\ 5.55 \pm 1.14abc \\ 0.16 \pm 0.05bc \\ 2.10 \pm 0.40bcd \\ 0.02 \pm 0.00ab \\ 0.01 \pm 0.01ab \\ 7.88 \pm 0.75ab \\ 0.00 \pm 0.00bc \\ 0.02 \pm 0.00bc \\ 0.02 \pm 0.00bc \\ 0.02 \pm 0.00bc \\ 0.02 \pm 0.02ab \\ 17.06 \pm 2.66a \\ 0.02 \pm 0.01abcd \\ 0.00 \pm 0.00ab \\ 0.00 \pm 0.00ab \\ 17.12 \pm 2.67a \\ 61.35 \pm 1.44ab \\ 13.63 \pm 0.99a \\ 0.01 \pm 0.00abc \end{array}$	$\begin{array}{c} 1.5 \\ 15 \\ 0.00 \pm 0.00b \\ 0.01 \pm 0.01a \\ 0.00 \pm 0.00ab \\ 0.02 \pm 0.01c \\ 4.82 \pm 1.25 abc \\ 0.41 \pm 0.37 bc \\ 2.31 \pm 0.85 bcd \\ 0.02 \pm 0.00ab \\ 0.02 \pm 0.00bc \\ 0.01 \pm 0.01ab \\ 7.61 \pm 0.81 ab \\ 0.00 \pm 0.00b \\ 0.03 \pm 0.01 bc \\ 0.02 \pm 0.01ab \\ 15.32 \pm 1.27a \\ 0.02 \pm 0.01 abc \\ 0.00 \pm 0.00b \\ 0.00 \pm 0.00b \\ 0.00 \pm 0.00b \\ 15.39 \pm 1.27a \\ 61.51 \pm 3.91 ab \\ 15.44 \pm 2.29a \\ 0.01 \pm 0.01 abc \\ \end{array}$	$\begin{array}{c} 0.01\pm0.000\\ \hline 16\\ \hline 0.01\pm0.01b\\ 0.01\pm0.01a\\ \hline 0.00\pm0.00ab\\ \hline 0.03\pm0.02abc\\ \hline 5.25\pm1.73abc\\ \hline 0.22\pm0.15bc\\ \hline 3.06\pm1.06ab\\ \hline 0.02\pm0.01bc\\ \hline 0.02\pm0.01abc\\ \hline 0.02\pm0.01abc\\ \hline 0.00\pm0.00b\\ \hline 8.62\pm2.80ab\\ \hline 0.02\pm0.02bc\\ \hline 0.02\pm0.02bc\\ \hline 0.02\pm0.02bc\\ \hline 0.02\pm0.02ab\\ \hline 17.54\pm3.55a\\ \hline 0.02\pm0.01abcd\\ \hline 0.00\pm0.00ab\\ \hline 17.60\pm3.59a\\ \hline 57.56\pm4.00b\\ \hline 16.17\pm9.48a\\ \hline 0.02\pm0.00a\\ \hline \end{array}$	$\begin{array}{c} 1.10\pm0.000\\ \hline 17\\ \hline 0.00\pm0.00b\\ 0.01\pm0.01a\\ 0.00\pm0.00a\\ 0.02\pm0.00c\\ 4.37\pm1.21bc\\ 0.12\pm0.05bc\\ 2.35\pm0.59bcd\\ 0.02\pm0.00bc\\ 0.02\pm0.00bc\\ 0.00\pm0.00b\\ 0.00\pm0.00b\\ 0.03\pm0.01ab\\ 0.03\pm0.01ab\\ 0.01\pm0.01ab\\ 15.85\pm2.11a\\ 0.03\pm0.01a\\ 0.00\pm0.00bc\\ 15.93\pm2.13a\\ 64.42\pm4.65a\\ 12.71\pm5.61a\\ 0.01\pm0.01abc\\ \end{array}$	$\begin{array}{c} 0.10\pm0.02b\\ \hline 18\\ \hline 0.00\pm0.00b\\ 0.01\pm0.01a\\ \hline 0.00\pm0.00ab\\ \hline 0.02\pm0.01c\\ \hline 4.87\pm1.21abc\\ \hline 0.42\pm0.36bc\\ \hline 2.23\pm0.75bcd\\ \hline 0.03\pm0.00ab\\ \hline 0.02\pm0.00bc\\ \hline 0.01\pm0.01ab\\ \hline 7.58\pm0.83ab\\ \hline 0.00\pm0.00ab\\ \hline 0.02\pm0.01bcd\\ \hline 0.02\pm0.01bcd\\ \hline 0.02\pm0.01bcd\\ \hline 0.02\pm0.02ab\\ \hline 16.52\pm2.11a\\ \hline 0.01\pm0.00bc\\ \hline 0.00\pm0.00bc\\ \hline 0.00\pm0.00bc\\ \hline 16.57\pm2.12a\\ \hline 62.70\pm1.80ab\\ \hline 13.11\pm0.59a\\ \hline 0.01\pm0.01abc\\ \hline \end{array}$	$\begin{array}{c} 0.1010,0110\\ \hline 19\\ \hline 0.06\pm0.07a\\ 0.00\pm0.00a\\ \hline 0.00\pm0.00a\\ \hline 0.00\pm0.00ab\\ \hline 0.00\pm0.00ab\\ \hline 0.00\pm0.00ab\\ \hline 0.17\pm0.14bc\\ \hline 2.24\pm0.74ab\\ \hline 0.02\pm0.01bc\\ \hline 0.03\pm0.02ab\\ \hline 0.01\pm0.01ab\\ \hline 8.63\pm1.45ab\\ \hline 0.00\pm0.00ab\\ \hline 0.02\pm0.01bc\\ \hline 0.02\pm0.01bc\\ \hline 0.02\pm0.01bc\\ \hline 0.02\pm0.01abc\\ \hline 0.02\pm0.01abc\\ \hline 0.00\pm0.00bc\\ \hline 18.39\pm0.53a\\ \hline 60.44\pm0.97ab\\ 12.49\pm1.26a\\ \hline 0.01\pm0.01abc\\ \hline \end{array}$
$\begin{array}{c} Fatty Acids \\ \hline Fatty Acids \\ \hline C 8:0 \\ \hline C 10:0 \\ \hline C 12:0 \\ \hline C 12:0 \\ \hline C 14:0 \\ \hline C 14:0 \\ \hline C 16:0 \\ \hline C 17:0 \\ \hline C 18:0 \\ \hline C 20:0 \\ \hline C 24:0 \\ \hline \sum SFA \\ \hline C 14:1 \\ \hline C 16:1 \\ \hline C 17:1 \\ \hline C 18:1 \\ \hline C 20:1 \\ \hline C 22:1 \\ \hline C 24:1 \\ \hline \sum MUFA \\ \hline C 18:2 \\ \hline C 18:3 \\ \hline C 20:2 \\ \hline C 20:4 \\ \end{array}$	$\begin{array}{c} 1.1 \\ 14 \\ 0.00 \pm 0.00b \\ 0.00 \pm 0.00a \\ 0.00 \pm 0.00a \\ 0.03 \pm 0.01bc \\ 5.55 \pm 1.14abc \\ 0.16 \pm 0.05bc \\ 2.10 \pm 0.40bcd \\ 0.02 \pm 0.00ab \\ 0.01 \pm 0.00bc \\ 0.01 \pm 0.01ab \\ 7.88 \pm 0.75ab \\ 0.00 \pm 0.00ab \\ 0.02 \pm 0.02ab \\ 17.06 \pm 2.66a \\ 0.02 \pm 0.01abcd \\ 0.00 \pm 0.00bc \\ 0.02 \pm 0.01abcd \\ 0.00 \pm 0.00bc \\ 17.12 \pm 2.67a \\ 61.35 \pm 1.44ab \\ 13.63 \pm 0.99a \\ 0.01 \pm 0.00abc \\ 0.00 \pm 0.00b \\ 0.00 \pm 0.00b \\ 0.01 \pm 0.00abc \\ 0.01 \pm 0.00abc \\ 0.00 \pm 0.00b \\ 0.$	$\begin{array}{c} 1.5 \\ 15 \\ 0.00 \pm 0.00b \\ 0.01 \pm 0.01a \\ 0.00 \pm 0.00ab \\ 0.02 \pm 0.01c \\ 4.82 \pm 1.25 abc \\ 0.41 \pm 0.37 bc \\ 2.31 \pm 0.85 bcd \\ 0.02 \pm 0.00ab \\ 0.02 \pm 0.00bc \\ 0.01 \pm 0.01ab \\ 7.61 \pm 0.81 ab \\ 0.00 \pm 0.00b \\ 0.03 \pm 0.01bc \\ 0.02 \pm 0.01ab \\ 15.32 \pm 1.27a \\ 0.02 \pm 0.01 ab \\ 15.32 \pm 1.27a \\ 0.02 \pm 0.01 ab \\ 15.32 \pm 1.27a \\ 0.02 \pm 0.01 ab \\ 15.39 \pm 1.27a \\ 61.51 \pm 3.91 ab \\ 15.44 \pm 2.29a \\ 0.01 \pm 0.01 abc \\ 0.00 \pm 0.00b \end{array}$	$\begin{array}{c} 0.01\pm0.006\\ \hline 16\\ \hline 0.01\pm0.01b\\ 0.01\pm0.01a\\ \hline 0.00\pm0.00ab\\ \hline 0.03\pm0.02abc\\ \hline 5.25\pm1.73abc\\ \hline 0.22\pm0.15bc\\ \hline 3.06\pm1.06ab\\ \hline 0.02\pm0.01bc\\ \hline 0.02\pm0.01abc\\ \hline 0.00\pm0.00b\\ \hline 8.62\pm2.80ab\\ \hline 0.00\pm0.00ab\\ \hline 0.02\pm0.02bc\\ \hline 0.02\pm0.00ab\\ \hline 0.00\pm0.00b\\ \hline 17.60\pm3.59a\\ \hline 57.56\pm4.00b\\ \hline 16.17\pm9.48a\\ \hline 0.02\pm0.00a\\ \hline 0.01\pm0.00b\\ \hline \end{array}$	$\begin{array}{c} 1.10\pm0.00b\\ 17\\ 0.00\pm0.00b\\ 0.01\pm0.01a\\ 0.00\pm0.00a\\ 0.02\pm0.00c\\ 4.37\pm1.21bc\\ 0.12\pm0.05bc\\ 2.35\pm0.59bcd\\ 0.02\pm0.00bc\\ 0.02\pm0.00bc\\ 0.00\pm0.00b\\ 0.00\pm0.00b\\ 0.00\pm0.00b\\ 0.03\pm0.01ab\\ 0.01\pm0.01ab\\ 15.85\pm2.11a\\ 0.03\pm0.01a\\ 0.00\pm0.00b\\ 0.00\pm0.00b\\ 15.93\pm2.13a\\ 64.42\pm4.65a\\ 12.71\pm5.61a\\ 0.01\pm0.01abc\\ 0.00\pm0.00b\\ \end{array}$	$\begin{array}{c} 0.10\pm0.02b\\ \hline 18\\ \hline 0.00\pm0.00b\\ 0.01\pm0.01a\\ \hline 0.00\pm0.00ab\\ \hline 0.02\pm0.01c\\ \hline 4.87\pm1.21abc\\ \hline 0.42\pm0.36bc\\ \hline 2.23\pm0.75bcd\\ \hline 0.03\pm0.00ab\\ \hline 0.02\pm0.00bc\\ \hline 0.01\pm0.01ab\\ \hline 7.58\pm0.83ab\\ \hline 0.00\pm0.00ab\\ \hline 0.02\pm0.01bcd\\ \hline 0.02\pm0.01bcd\\ \hline 0.02\pm0.01bcd\\ \hline 0.02\pm0.01bcd\\ \hline 0.02\pm0.01bcd\\ \hline 0.02\pm0.02ab\\ \hline 16.52\pm2.11a\\ \hline 0.01\pm0.00bc\\ \hline 0.00\pm0.00bc\\ \hline 16.57\pm2.12a\\ \hline 62.70\pm1.80ab\\ \hline 13.11\pm0.59a\\ \hline 0.01\pm0.01bcd\\ \hline 0.01\pm0.01bcd\\ \hline 0.01\pm0.01abc\\ \hline 0.01\pm0.01bcd\\ \hline 0.01\pm0.01abc\\ \hline 0.01\pm0.01abc\\ \hline 0.00\pm0.00b\\ \hline \end{array}$	$\begin{array}{c} 0.10\pm0.016\\ \hline 19\\ \hline 0.06\pm0.07a\\ 0.00\pm0.00a\\ 0.00\pm0.00a\\ \hline 0.00\pm0.00a\\ \hline 0.00\pm0.00ab\\ \hline 0.00\pm0.00ab\\ \hline 0.29\pm1.06abc\\ \hline 0.17\pm0.14bc\\ \hline 2.24\pm0.74ab\\ \hline 0.02\pm0.01bc\\ \hline 0.03\pm0.02ab\\ \hline 0.01\pm0.01ab\\ \hline 8.63\pm1.45ab\\ \hline 0.00\pm0.00ab\\ \hline 0.02\pm0.01bc\\ \hline 0.00\pm0.00b\\ \hline 0.00\pm0.00b\\ \hline 0.00\pm0.00b\\ \hline 18.39\pm0.53a\\ \hline 60.44\pm0.97ab\\ 12.49\pm1.26a\\ \hline 0.01\pm0.01ac\\ \hline \end{array}$
$\begin{array}{c} Fatty Acids \\ \hline Fatty Acids \\ \hline C 8:0 \\ \hline C 10:0 \\ \hline C 12:0 \\ \hline C 12:0 \\ \hline C 14:0 \\ \hline C 12:0 \\ \hline C 14:0 \\ \hline C 16:0 \\ \hline C 17:0 \\ \hline C 20:0 \\ \hline C 21:0 \\ \hline C 24:0 \\ \hline \sum SFA \\ \hline C 14:1 \\ \hline C 16:1 \\ \hline C 17:1 \\ \hline C 18:1 \\ \hline C 20:1 \\ \hline C 22:1 \\ \hline C 24:1 \\ \hline \sum MUFA \\ \hline C 18:2 \\ \hline C 18:3 \\ \hline C 20:2 \\ \hline C 20:4 \\ \hline C 20:5 \\ \end{array}$	14 0.00 \pm 0.00b 0.00 \pm 0.00a 0.00 \pm 0.00ab 0.03 \pm 0.01bc 5.55 \pm 1.14abc 0.16 \pm 0.05bc 2.10 \pm 0.40bcd 0.02 \pm 0.00ab 0.01 \pm 0.00bc 0.01 \pm 0.00bc 0.01 \pm 0.00bc 0.01 \pm 0.00bc 0.00 \pm 0.00ab 0.02 \pm 0.00bc 0.00 \pm 0.00bc 0.00 \pm 0.00bc 1.7.12 \pm 2.67a 61.35 \pm 1.44ab 13.63 \pm 0.99a 0.01 \pm 0.00abc 0.00 \pm 0.00bb 0.00 \pm 0.00bb 0.00 \pm 0.00bb	$\begin{array}{c} 1.5 \\ 15 \\ 0.00 \pm 0.00b \\ 0.01 \pm 0.01a \\ 0.00 \pm 0.00ab \\ 0.02 \pm 0.01c \\ 4.82 \pm 1.25 abc \\ 0.41 \pm 0.37 bc \\ 2.31 \pm 0.85 bcd \\ 0.02 \pm 0.00 bc \\ 0.02 \pm 0.00 bc \\ 0.01 \pm 0.01 ab \\ 7.61 \pm 0.81 ab \\ 0.00 \pm 0.00 bc \\ 0.03 \pm 0.01 bc \\ 0.02 \pm 0.01 ab \\ 15.32 \pm 1.27 a \\ 0.02 \pm 0.01 ab c \\ 15.39 \pm 1.27 a \\ 0.02 \pm 0.01 ab c \\ 0.00 \pm 0.00 b \\ 0.00 \pm 0.00 b \\ 1.5.39 \pm 1.27 a \\ 61.51 \pm 3.91 ab \\ 15.44 \pm 2.29 a \\ 0.01 \pm 0.01 ab c \\ 0.00 \pm 0.00 b \\ 0.01 \pm 0.00 b \\ \end{array}$	$\begin{array}{c} 0.01\pm0.000\\ \hline 16\\ \hline 0.01\pm0.01b\\ 0.01\pm0.01a\\ \hline 0.00\pm0.00ab\\ \hline 0.03\pm0.02abc\\ \hline 5.25\pm1.73abc\\ \hline 0.22\pm0.15bc\\ \hline 3.06\pm1.06ab\\ \hline 0.02\pm0.01bc\\ \hline 0.02\pm0.01bc\\ \hline 0.02\pm0.01abc\\ \hline 0.00\pm0.00b\\ \hline 8.62\pm2.80ab\\ \hline 0.00\pm0.00b\\ \hline 0.02\pm0.02bc\\ \hline 0.02\pm0.02bc\\ \hline 0.02\pm0.02bc\\ \hline 0.02\pm0.02bc\\ \hline 0.02\pm0.02ab\\ \hline 17.54\pm3.55a\\ \hline 0.02\pm0.01abcd\\ \hline 0.00\pm0.00b\\ \hline 0.00\pm0.00b\\ \hline 0.00\pm0.00b\\ \hline 17.60\pm3.59a\\ \hline 57.56\pm4.00b\\ \hline 16.17\pm9.48a\\ \hline 0.02\pm0.00a\\ \hline 0.01\pm0.00b\\ \hline 0.02\pm0.01b\\ \hline \end{array}$	$\begin{array}{c} 1.10\pm0.000\\ \hline 17\\ \hline 0.00\pm0.00b\\ 0.01\pm0.01a\\ 0.00\pm0.00c\\ \hline 0.02\pm0.00c\\ \hline 4.37\pm1.21bc\\ 0.12\pm0.05bc\\ \hline 2.35\pm0.59bcd\\ 0.02\pm0.00ab\\ \hline 0.02\pm0.00bc\\ \hline 0.00\pm0.00b\\ \hline 6.93\pm0.28b\\ \hline 0.00\pm0.00ab\\ \hline 0.03\pm0.01ab\\ \hline 0.01\pm0.01ab\\ \hline 15.85\pm2.11a\\ \hline 0.03\pm0.01a\\ \hline 0.00\pm0.00b\\ \hline 15.93\pm2.13a\\ \hline 64.42\pm4.65a\\ \hline 12.71\pm5.61a\\ \hline 0.01\pm0.01ab\\ \hline 0.00\pm0.00b\\ \hline 0.01\pm0.01b\\ \hline 0.01\pm0.01b\\ \hline 0.01\pm0.01b\\ \hline 0.00\pm0.00b\\ \hline 0.01\pm0.01b\\ \hline 0.01\pm0.01b\\ \hline 0.01\pm0.01b\\ \hline 0.00\pm0.00b\\ \hline 0.01\pm0.01b\\ \hline 0.00\pm0.00b\\ \hline 0.01\pm0.01b\\ \hline 0.00\pm0.00b\\ \hline 0.01\pm0.01b\\ \hline 0.01\pm0.00b\\ \hline 0.01\pm0.00b\\ \hline 0.01\pm0.00b\\ \hline 0.01\pm0.00b\\ \hline 0.01\pm0.00b\\ \hline 0.00\pm0.00b\\ \hline 0.00\pm0.00b\\$	$\begin{array}{c} 0.10\pm0.02b\\ \hline 18\\ \hline 0.00\pm0.00b\\ 0.01\pm0.01a\\ 0.00\pm0.00ab\\ 0.02\pm0.01c\\ \hline 4.87\pm1.21abc\\ 0.42\pm0.36bc\\ \hline 2.23\pm0.75bcd\\ 0.03\pm0.00ab\\ 0.02\pm0.00bc\\ \hline 0.01\pm0.01ab\\ \hline 7.58\pm0.83ab\\ \hline 0.00\pm0.00ab\\ 0.02\pm0.01bcd\\ 0.02\pm0.01bcd\\ 0.02\pm0.02ab\\ \hline 16.52\pm2.11a\\ 0.01\pm0.00bc\\ \hline 0.00\pm0.00b\\ \hline 0.00\pm0.00b\\ \hline 0.00\pm0.00b\\ \hline 16.57\pm2.12a\\ \hline 62.70\pm1.80ab\\ \hline 13.11\pm0.59a\\ 0.01\pm0.01bc\\ \hline 0.00\pm0.00b\\ \hline 0.01\pm0.01b\\ \hline \end{array}$	$\begin{array}{c} 0.10\pm0.016\\ \hline 19\\ \hline 0.06\pm0.07a\\ 0.00\pm0.00a\\ 0.00\pm0.00a\\ 0.00\pm0.00a\\ 0.00\pm0.00a\\ 0.00\pm0.00a\\ 0.01\pm0.14bc\\ 2.24\pm0.74ab\\ 0.02\pm0.01bc\\ 0.02\pm0.01bc\\ 0.02\pm0.01ab\\ \hline 8.63\pm1.45ab\\ \hline 0.00\pm0.00ab\\ 0.02\pm0.01bc\\ 0.02\pm0.01bc\\ 0.02\pm0.01bc\\ 0.02\pm0.01abc\\ 0.00\pm0.00b\\ \hline 18.39\pm0.53a\\ \hline 60.44\pm0.97ab\\ 12.49\pm1.26a\\ 0.01\pm0.01ab\\ \hline 0.01\pm0.01a\\ 0.01\pm0.01a\\ \hline 0.01bc\\ \hline \end{array}$
$ \begin{array}{c} Fatty Acids \\ \hline Fatty Acids \\ \hline C 8:0 \\ \hline C 10:0 \\ \hline C 12:0 \\ \hline C 12:0 \\ \hline C 14:0 \\ \hline C 12:0 \\ \hline C 14:0 \\ \hline C 16:0 \\ \hline C 17:0 \\ \hline C 18:0 \\ \hline C 20:0 \\ \hline C 21:0 \\ \hline C 24:0 \\ \hline \sum SFA \\ \hline C 14:1 \\ \hline C 16:1 \\ \hline C 17:1 \\ \hline C 18:1 \\ \hline C 20:1 \\ \hline C 22:1 \\ \hline C 24:1 \\ \hline \sum MUFA \\ \hline C 18:2 \\ \hline C 18:3 \\ \hline C 20:2 \\ \hline C 20:4 \\ \hline C 20:5 \\ \hline C 22:4 \\ \end{array} $	14 0.00 \pm 0.00b 0.00 \pm 0.00a 0.00 \pm 0.00ab 0.03 \pm 0.01bc 5.55 \pm 1.14abc 0.16 \pm 0.05bc 2.10 \pm 0.40bcd 0.02 \pm 0.00ab 0.01 \pm 0.00bc 0.01 \pm 0.00bc 0.01 \pm 0.01ab 7.88 \pm 0.75ab 0.00 \pm 0.00bc 0.02 \pm 0.02ab 17.06 \pm 2.66a 0.02 \pm 0.01abcd 0.00 \pm 0.00bc 0.00 \pm 0.00bc 0.02 \pm 0.02ab 17.06 \pm 2.67a 61.35 \pm 1.44ab 13.63 \pm 0.99a 0.01 \pm 0.00abc 0.01 \pm 0.00ab 0.01 \pm 0.00ab 0.01 \pm 0.00ab	15 0.00 \pm 0.00b 0.01 \pm 0.01a 0.00 \pm 0.00ab 0.02 \pm 0.01c 4.82 \pm 1.25abc 0.41 \pm 0.37bc 2.31 \pm 0.85bcd 0.02 \pm 0.00ab 0.02 \pm 0.00bc 0.02 \pm 0.00bc 0.02 \pm 0.01ab 7.61 \pm 0.81ab 0.00 \pm 0.00b 0.03 \pm 0.01bc 0.02 \pm 0.01ab 15.32 \pm 1.27a 0.02 \pm 0.01abcd 0.00 \pm 0.00b 0.00 \pm 0.00b 0.00 \pm 0.00b 0.00 \pm 0.00b 0.01 \pm 0.01abc 15.44 \pm 2.29a 0.01 \pm 0.01abc 0.00 \pm 0.00b 0.01 \pm 0.01abc 0.01 \pm 0.01ab	$0.02\pm0.00b$ 16 $0.01\pm0.01b$ $0.01\pm0.01a$ $0.00\pm0.00ab$ $0.03\pm0.02abc$ $5.25\pm1.73abc$ $0.22\pm0.15bc$ $3.06\pm1.06ab$ $0.02\pm0.01bc$ $0.02\pm0.01bc$ $0.02\pm0.01bc$ $0.02\pm0.01bc$ $0.00\pm0.00bb$ $0.02\pm0.02bc$ $0.02\pm0.00bb$ $0.02\pm0.00bb$ $0.02\pm0.00b$ $0.02\pm0.00b$ $0.02\pm0.00b$ $0.02\pm0.00b$ $0.02\pm0.00b$ $0.02\pm0.00b$ $0.02\pm0.00b$	$\begin{array}{c} 1.10\pm0.00b\\ 17\\ \hline 0.00\pm0.00b\\ 0.01\pm0.01a\\ 0.00\pm0.00c\\ 4.37\pm1.21bc\\ 0.12\pm0.05bc\\ 2.35\pm0.59bcd\\ 0.02\pm0.00ab\\ 0.02\pm0.00ab\\ 0.02\pm0.00bc\\ 0.00\pm0.00b\\ \hline 0.03\pm0.01ab\\ 0.03\pm0.01ab\\ 0.03\pm0.01ab\\ 0.03\pm0.01a\\ 0.00\pm0.00b\\ \hline 15.85\pm2.11a\\ 0.03\pm0.01a\\ 0.00\pm0.00b\\ \hline 15.93\pm2.13a\\ \hline 64.42\pm4.65a\\ 12.71\pm5.61a\\ 0.01\pm0.01ab\\ 0.00\pm0.00b\\ 0.01\pm0.01ab\\ 0.00\pm0.00b\\ 0.01\pm0.01ab\\ 0.00\pm0.00b\\ 0.01\pm0.01ab\\ 0.00\pm0.00b\\ 0.01\pm0.01b\\ 0.00\pm0.00ab\\ \hline \end{array}$	$\begin{array}{c} 1.1 \\ \hline 18 \\ \hline 0.00 \pm 0.00b \\ 0.01 \pm 0.01a \\ 0.00 \pm 0.00ab \\ 0.02 \pm 0.01c \\ \hline 4.87 \pm 1.21 abc \\ 0.42 \pm 0.36 bc \\ 2.23 \pm 0.75 bcd \\ 0.03 \pm 0.00ab \\ 0.02 \pm 0.00bc \\ 0.01 \pm 0.01ab \\ \hline 7.58 \pm 0.83 ab \\ \hline 0.00 \pm 0.00ab \\ 0.02 \pm 0.01bc \\ 0.02 \pm 0.01bc \\ 0.00 \pm 0.00bc \\ \hline 16.57 \pm 2.12a \\ \hline 62.70 \pm 1.80 ab \\ 13.11 \pm 0.59a \\ 0.01 \pm 0.01bc \\ 0.00 \pm 0.01b \\ 0.01 \pm 0.01b \\ 0.01 \pm 0.01b \\ 0.00 \pm 0.01ab \\ \hline \end{array}$	$\begin{array}{c} 0.10\pm0.016\\ \hline 19\\ \hline 0.06\pm0.07a\\ 0.00\pm0.00a\\ 0.00\pm0.00a\\ 0.00\pm0.00a\\ 0.00\pm0.00a\\ 0.00\pm0.00a\\ 0.06\pm0.06ab\\ 5.29\pm1.06abc\\ 0.17\pm0.14bc\\ 2.24\pm0.74ab\\ 0.02\pm0.01bc\\ 0.03\pm0.02ab\\ 0.01\pm0.01ab\\ \hline 8.63\pm1.45ab\\ 0.00\pm0.00ab\\ 0.02\pm0.01bc\\ 0.02\pm0.01bc\\ 0.02\pm0.01abcd\\ 0.00\pm0.00b\\ \hline 18.32\pm0.53a\\ \hline 0.02\pm0.01abcd\\ 0.00\pm0.00b\\ \hline 18.39\pm0.53a\\ \hline 60.44\pm0.97ab\\ 12.49\pm1.26a\\ 0.01\pm0.01abc\\ 0.01\pm0.01a\\ 0.01\pm0.01b\\ 0.01\pm0.01b\\ 0.01\pm0.01b\\ 0.02\pm0.01abc\\ 0.01\pm0.01b\\ 0.01\pm0.01b\\ 0.02\pm0.01abc\\ 0.01\pm0.01b\\ 0.01\pm0.01b\\ 0.02ab\\ \hline \end{array}$
$\begin{array}{c} \hline C \ 18.0 \\ \hline C \ 10.0 \\ \hline C \ 20.0 \\ \hline C \ 20.1 \\ \hline C \ 20.2 $	$\begin{array}{c} 1.1 \\ 14 \\ 0.00 \pm 0.00b \\ 0.00 \pm 0.00a \\ 0.00 \pm 0.00a \\ 0.03 \pm 0.01bc \\ 5.55 \pm 1.14abc \\ 0.16 \pm 0.05bc \\ 2.10 \pm 0.40bcd \\ 0.02 \pm 0.00ab \\ 0.01 \pm 0.00bc \\ 0.01 \pm 0.00bc \\ 0.01 \pm 0.00bc \\ 0.02 \pm 0.00bc \\ 0.00 \pm 0.00bc \\ 0.00 \pm 0.00bc \\ 17.12 \pm 2.67a \\ 61.35 \pm 1.44ab \\ 13.63 \pm 0.99a \\ 0.01 \pm 0.00bc \\ 0.00 \pm 0.00b \\ 0.01 \pm 0.00b \\ 0.00 \pm 0.00c \\ 0.00 \pm 0.00b \\ 0.01 \pm 0.00b \\ 0.00 \pm$	$\begin{array}{c} 1.5 \\ \hline 15 \\ \hline 0.00 \pm 0.00b \\ 0.01 \pm 0.01a \\ 0.00 \pm 0.00ab \\ 0.02 \pm 0.01c \\ 4.82 \pm 1.25abc \\ 0.41 \pm 0.37bc \\ 2.31 \pm 0.85bcd \\ 0.02 \pm 0.00bc \\ 0.02 \pm 0.00bc \\ 0.01 \pm 0.01ab \\ \hline 7.61 \pm 0.81ab \\ \hline 0.00 \pm 0.00b \\ 0.03 \pm 0.01bc \\ 0.02 \pm 0.01bc \\ 0.00 \pm 0.00b \\ 0.00 \pm 0.00b \\ 0.00 \pm 0.00b \\ 0.00 \pm 0.00b \\ 15.39 \pm 1.27a \\ \hline 61.51 \pm 3.91ab \\ 15.44 \pm 2.29a \\ 0.01 \pm 0.01abc \\ 0.00 \pm 0.00b \\ 0.01 \pm 0.00b \\ 0.01 \pm 0.00b \\ 0.01 \pm 0.00b \\ 0.02 \pm 0.01ab \\ 0.00 \pm 0.00c \\ \hline \end{array}$	$\begin{array}{c} 0.01\pm0.000\\ \hline 16\\ \hline 0.01\pm0.01b\\ 0.01\pm0.01a\\ \hline 0.00\pm0.00ab\\ \hline 0.03\pm0.02abc\\ \hline 5.25\pm1.73abc\\ \hline 0.22\pm0.15bc\\ \hline 3.06\pm1.06ab\\ \hline 0.02\pm0.01bc\\ \hline 0.02\pm0.01bc\\ \hline 0.02\pm0.01bc\\ \hline 0.02\pm0.01bc\\ \hline 0.02\pm0.00b\\ \hline 8.62\pm2.80ab\\ \hline 0.00\pm0.00b\\ \hline 8.62\pm2.80ab\\ \hline 0.00\pm0.00b\\ \hline 0.02\pm0.02bc\\ \hline 0.02\pm0.00b\\ \hline 1.7.60\pm3.59a\\ \hline 57.56\pm4.00b\\ \hline 16.17\pm9.48a\\ \hline 0.02\pm0.00a\\ \hline 0.02\pm0.00a\\ \hline 0.02\pm0.00b\\ \hline 0.02\pm0.01b\\ \hline 0.02\pm0.02ab\\ \hline 0.0$	$\begin{array}{c} 1.10\pm0.000\\ 117\\ 10.00\pm0.00b\\ 0.01\pm0.01a\\ 0.00\pm0.00a\\ 0.02\pm0.00c\\ 4.37\pm1.21bc\\ 0.12\pm0.05bc\\ 2.35\pm0.59bcd\\ 0.02\pm0.00bc\\ 0.02\pm0.00bc\\ 0.00\pm0.00b\\ 0.03\pm0.01ab\\ 0.03\pm0.01ab\\ 0.01\pm0.01ab\\ 15.85\pm2.11a\\ 0.03\pm0.01a\\ 0.00\pm0.00bc\\ 15.93\pm2.13a\\ 64.42\pm4.65a\\ 12.71\pm5.61a\\ 0.01\pm0.01ab\\ 0.01\pm0.01bc\\ 0.00\pm0.00b\\ 0.01\pm0.01bc\\ 0.00\pm0.00b\\ 0.01\pm0.01b\\ 0.00\pm0.00b\\ $	$\begin{array}{c} 0.00\pm0.02b\\ 18\\ 0.00\pm0.00b\\ 0.01\pm0.01a\\ 0.00\pm0.00ab\\ 0.02\pm0.01c\\ 4.87\pm1.21abc\\ 0.42\pm0.36bc\\ 2.23\pm0.75bcd\\ 0.03\pm0.00ab\\ 0.02\pm0.00bc\\ 0.01\pm0.01ab\\ 7.58\pm0.83ab\\ 0.00\pm0.00ab\\ 0.02\pm0.01bcd\\ 0.02\pm0.01bcd\\ 0.02\pm0.01bcd\\ 0.02\pm0.01bcd\\ 0.02\pm0.01bcd\\ 0.02\pm0.01bcd\\ 0.00\pm0.00bc\\ 16.52\pm2.11a\\ 0.01\pm0.00bc\\ 16.57\pm2.12a\\ 62.70\pm1.80ab\\ 13.11\pm0.59a\\ 0.01\pm0.01bc\\ 0.00\pm0.00b\\ 0.01\pm0.01bc\\ 0.00\pm0.00b\\ 0.01\pm0.01bc\\ 0.00\pm0.00b\\ 0.01\pm0.01b\\ 0.02\pm0.01ab\\ 0.00\pm0.00c\\ \end{array}$	$\begin{array}{c} 0.10\pm0.016\\ \hline 19\\ \hline 0.06\pm0.07a\\ 0.00\pm0.00a\\ \hline 0.00\pm0.00a\\ \hline 0.00\pm0.00ab\\ \hline 0.06\pm0.06ab\\ \hline 5.29\pm1.06abc\\ \hline 0.17\pm0.14bc\\ \hline 2.24\pm0.74ab\\ \hline 0.02\pm0.01bc\\ \hline 0.02\pm0.01bc\\ \hline 0.03\pm0.02ab\\ \hline 0.01\pm0.01ab\\ \hline 8.63\pm1.45ab\\ \hline 0.00\pm0.00ab\\ \hline 0.02\pm0.01bc\\ \hline 0.02\pm0.01bc\\ \hline 0.02\pm0.01bc\\ \hline 0.02\pm0.02ab\\ \hline 18.32\pm0.53a\\ \hline 0.04\pm0.00bc\\ \hline 18.39\pm0.53a\\ \hline 60.44\pm0.97ab\\ \hline 12.49\pm1.26a\\ \hline 0.01\pm0.01abc\\ \hline 0.01\pm0.01a\\ \hline 0.01\pm0.01a\\ \hline 0.01\pm0.01a\\ \hline 0.01\pm0.01a\\ \hline 0.02\pm0.02ab\\ \hline 0.00\pm0.02ab\\ \hline 0.00\pm0.02ab\\ \hline 0.00\pm0.02ab\\ \hline 0.00\pm0.01a\\ \hline 0.01\pm0.01a\\ \hline 0.01\pm0.01a\\ \hline 0.02\pm0.02ab\\ \hline 0.00\pm0.01a\\ \hline 0.00\pm0.01a\\ \hline 0.00\pm0.02ab\\ \hline 0.00\pm0.01a\\ \hline 0.00\pm0.01a\\ \hline 0.00\pm0.02ab\\ \hline 0.00\pm0.01a\\ \hline 0.00\pm0.02ab\\ \hline 0.00\pm0.01a\\ \hline 0.00\pm0.01a\\ \hline 0.00\pm0.01a\\ \hline 0.00\pm0.00a\\ \hline 0.00\pm0.00b\\ \hline 0$
$\begin{array}{c} \hline C & 111 & C & 112 \\ \hline Fatty Acids \\ \hline C & 8:0 \\ \hline C & 10:0 \\ \hline C & 12:0 \\ \hline C & 14:0 \\ \hline C & 12:0 \\ \hline C & 14:0 \\ \hline C & 16:0 \\ \hline C & 17:0 \\ \hline C & 20:0 \\ \hline C & 21:0 \\ \hline C & 20:0 \\ \hline C & 21:0 \\ \hline C & 21:0 \\ \hline C & 24:0 \\ \hline \sum SFA \\ \hline C & 14:1 \\ \hline C & 16:1 \\ \hline C & 17:1 \\ \hline C & 18:1 \\ \hline C & 16:1 \\ \hline C & 17:1 \\ \hline C & 18:1 \\ \hline C & 20:1 \\ \hline C & 22:1 \\ \hline C & 24:1 \\ \hline \sum MUFA \\ \hline C & 18:2 \\ \hline C & 18:3 \\ \hline C & 20:2 \\ \hline C & 20:4 \\ \hline C & 20:5 \\ \hline C & 22:4 \\ \hline C & 22:5 \\ \hline \sum PUEA \\ \end{array}$	14 0.00 \pm 0.00b 0.00 \pm 0.00a 0.00 \pm 0.00ab 0.03 \pm 0.01bc 5.55 \pm 1.14abc 0.16 \pm 0.05bc 2.10 \pm 0.40bcd 0.02 \pm 0.00ab 0.01 \pm 0.00bc 0.01 \pm 0.00bc 0.01 \pm 0.00bc 0.02 \pm 0.00bc 0.02 \pm 0.00bc 0.02 \pm 0.00bc 0.02 \pm 0.01abcd 0.02 \pm 0.01abcd 0.00 \pm 0.00bc 0.02 \pm 0.01abcd 0.00 \pm 0.00bc 0.01 \pm 0.00b	15 0.00 \pm 0.00b 0.01 \pm 0.01a 0.00 \pm 0.00ab 0.02 \pm 0.01c 4.82 \pm 1.25abc 0.41 \pm 0.37bc 2.31 \pm 0.85bcd 0.02 \pm 0.00ab 0.02 \pm 0.00bc 0.02 \pm 0.00bc 0.02 \pm 0.00bc 0.02 \pm 0.00bc 0.01 \pm 0.01ab 7.61 \pm 0.81ab 0.00 \pm 0.00b 0.03 \pm 0.01bc 0.02 \pm 0.01abcd 0.02 \pm 0.01abcd 0.00 \pm 0.00b 0.00 \pm 0.00b 0.00 \pm 0.00bc 15.39 \pm 1.27a 61.51 \pm 3.91ab 15.44 \pm 2.29a 0.01 \pm 0.01abc 0.00 \pm 0.00b 0.01 \pm 0.01abc 0.02 \pm 0.01ab	0.02 ± 0.000 16 $0.01\pm0.01b$ $0.01\pm0.01a$ $0.00\pm0.00ab$ $0.03\pm0.02abc$ $5.25\pm1.73abc$ $0.22\pm0.15bc$ $3.06\pm1.06ab$ $0.02\pm0.01bc$ $0.02\pm0.01bc$ $0.02\pm0.01abc$ $0.02\pm0.01abc$ $0.02\pm0.00b$ $8.62\pm2.80ab$ $0.00\pm0.00b$ $8.62\pm2.80ab$ $0.00\pm0.00b$ $0.02\pm0.02ab$ $17.54\pm3.55a$ $0.02\pm0.01abcd$ $0.00\pm0.00abc$ $17.60\pm3.59a$ $57.56\pm4.00b$ $16.17\pm9.48a$ $0.02\pm0.00a$ $0.02\pm0.00a$ $0.01\pm0.00b$ $0.02\pm0.01b$ $0.02\pm0.01b$ $0.02\pm0.01b$ $0.02\pm0.01b$ $0.02\pm0.02ab$ $0.02\pm0.01b$ $0.02\pm0.02ab$	$\begin{array}{c} 1.10 \pm 0.000 \\ \hline 17 \\ 0.00 \pm 0.00b \\ 0.01 \pm 0.01a \\ 0.00 \pm 0.00a \\ 0.02 \pm 0.00c \\ 4.37 \pm 1.21 bc \\ 0.12 \pm 0.05 bc \\ 2.35 \pm 0.59 bcd \\ 0.02 \pm 0.00 bc \\ 0.02 \pm 0.00 bc \\ 0.00 \pm 0.00 bc \\ 15.93 \pm 2.11a \\ 0.03 \pm 0.01a \\ 0.00 \pm 0.00 bc \\ 15.93 \pm 2.13a \\ 64.42 \pm 4.65a \\ 12.71 \pm 5.61a \\ 0.01 \pm 0.01 bc \\ 0.00 \pm 0.00 bc \\ 0.01 \pm 0.01 bc \\ 0.00 \pm 0.00 bc \\ 0.00 \pm 0.00 ab \\ 0.00 \pm 0.00 a $	$\begin{array}{c} 0.10\pm0.020\\ \hline 18\\ \hline 0.00\pm0.00b\\ 0.01\pm0.01a\\ \hline 0.00\pm0.00ab\\ \hline 0.02\pm0.01c\\ \hline 4.87\pm1.21abc\\ \hline 0.42\pm0.36bc\\ \hline 2.23\pm0.75bcd\\ \hline 0.03\pm0.00ab\\ \hline 0.02\pm0.00bc\\ \hline 0.01\pm0.01ab\\ \hline 7.58\pm0.83ab\\ \hline 0.00\pm0.00ab\\ \hline 0.02\pm0.01bcd\\ \hline 0.02\pm0.01bcd\\ \hline 0.02\pm0.01bcd\\ \hline 0.02\pm0.01bcd\\ \hline 0.02\pm0.02ab\\ \hline 16.52\pm2.11a\\ \hline 0.01\pm0.00bc\\ \hline 0.00\pm0.00bc\\ \hline 0.00\pm0.00bc\\ \hline 16.57\pm2.12a\\ \hline 62.70\pm1.80ab\\ \hline 13.11\pm0.59a\\ \hline 0.01\pm0.01bc\\ \hline 0.00\pm0.00b\\ \hline 0.01\pm0.01bc\\ \hline 0.00\pm0.00b\\ \hline 0.01\pm0.01b\\ \hline 0.02\pm0.01bd\\ \hline 0.02\pm0.01b\\ \hline 0.02\pm0.01b\\ \hline 0.00\pm0.00b\\ \hline 0.01\pm0.01b\\ \hline 0.02\pm0.01ab\\ \hline 0.00\pm0.00a\\ \hline 758\pm1.20cb \end{array}$	$\begin{array}{c} 0.10\pm0.016\\ \hline 19\\ \hline 0.06\pm0.07a\\ 0.00\pm0.00a\\ 0.00\pm0.00a\\ \hline 0.00\pm0.00ab\\ \hline 0.06\pm0.06ab\\ \hline 5.29\pm1.06abc\\ \hline 0.17\pm0.14bc\\ \hline 2.24\pm0.74ab\\ \hline 0.02\pm0.01bc\\ \hline 0.03\pm0.02ab\\ \hline 0.01\pm0.01ab\\ \hline 8.63\pm1.45ab\\ \hline 0.00\pm0.00ab\\ \hline 0.02\pm0.01bc\\ \hline 0.02\pm0.01bc\\ \hline 0.02\pm0.01bc\\ \hline 0.02\pm0.02ab\\ \hline 18.32\pm0.53a\\ \hline 0.02\pm0.01abcd\\ \hline 0.00\pm0.00bc\\ \hline 18.39\pm0.53a\\ \hline 0.04\pm0.97ab\\ \hline 12.49\pm1.26a\\ \hline 0.01\pm0.01ab\\ \hline 0.01\pm0.01a\\ \hline 0.01\pm0.01a\\ \hline 0.02\pm0.02ab\\ \hline 0.02\pm0.02ab\\ \hline 0.01\pm0.01a\\ \hline 0.02\pm0.02ab\\ \hline 0.02\pm0.02ab\\ \hline 0.01\pm0.01a\\ \hline 0.02\pm0.02ab\\ \hline 0.00\pm0.01a\\ \hline 0.02\pm0.02a\\ \hline 0.00\pm0.01a\\ \hline 0.02\pm0.02a\\ \hline 0.00\pm0.01a\\ \hline 0.02\pm0.02a\\ \hline 0.00\pm0.01a\\ \hline 0.00\pm0.00a\\ \hline 0.00\pm0.002\\ \hline 0.00\pm0.002\\ \hline 0.00\pm0.001\\ \hline 0.00\pm0.001a\\ \hline 0.00\pm0.002\\ \hline 0.00\pm0.001a\\ \hline 0.00\pm0.002\\ \hline 0.00\pm0.001a\\ \hline 0.00\pm0.002\\ \hline 0.00\pm0.001a\\ \hline 0.00\pm0.001a\\$
Fatty Acids C 8:0 C 10:0 C 12:0 C 14:0 C 16:0 C 17:0 C 18:0 C 20:0 C 24:0 Σ SFA C 14:1 C 16:1 C 17:1 C 18:1 C 20:1 C 22:1 C 24:1 Σ MUFA C 18:2 C 18:3 C 20:2 C 20:4 C 20:5 C 22:4 C 22:5 Σ PUFA	$\begin{array}{c} 1.1 \\ 14 \\ 0.00 \pm 0.00b \\ 0.00 \pm 0.00a \\ 0.00 \pm 0.00a \\ 0.03 \pm 0.01bc \\ 5.55 \pm 1.14abc \\ 0.16 \pm 0.05bc \\ 2.10 \pm 0.40bcd \\ 0.02 \pm 0.00ab \\ 0.01 \pm 0.00bc \\ 0.01 \pm 0.00bc \\ 0.01 \pm 0.00bc \\ 0.02 \pm 0.00bc \\ 0.00 \pm 0.00ab \\ 0.00 \pm 0.00ab \\ 0.00 \pm 0.00bc \\ 0.01 \pm 0.00abc \\ 0.01 \pm 0.00b \\ 0.01 \pm 0.00b \\ 0.01 \pm 0.00b \\ 0.01 \pm 0.00ab \\ 0.00 \pm 0.00b \\ 0.01 \pm 0.00ab \\ 0.00 \pm 0.00b \\ 0.01 \pm 0.00ab \\ 0.00 \pm 0.00ab \\ 0.00 \pm 0.00b \\ 0.01 \pm 0.00ab \\ 0.00 \pm 0.00ab \\ 0.$	$\begin{array}{c} 1.5 \\ 0.00 \pm 0.00b \\ 0.01 \pm 0.01a \\ 0.00 \pm 0.00ab \\ 0.02 \pm 0.01c \\ 4.82 \pm 1.25 abc \\ 0.41 \pm 0.37 bc \\ 2.31 \pm 0.85 bcd \\ 0.02 \pm 0.00 ab \\ 0.02 \pm 0.00 bc \\ 0.02 \pm 0.00 bc \\ 0.01 \pm 0.01 ab \\ \hline 7.61 \pm 0.81 ab \\ \hline 0.00 \pm 0.00b \\ 0.03 \pm 0.01 bc \\ 0.02 \pm 0.01 ab \\ 15.32 \pm 1.27 a \\ 0.02 \pm 0.01 ab cd \\ 0.00 \pm 0.00 b \\ 0.01 \pm 0.01 abc \\ 0.00 \pm 0.00 b \\ 0.01 \pm 0.01 ab \\ 0.00 \pm 0.00 b \\ 0.01 \pm 0.00 b \\ 0.02 \pm 0.01 ab \\ 0.00 \pm 0.00 b \\ 0.02 \pm 0.01 ab \\ 0.00 \pm 0.00 a \\ \hline 7.7.00 \pm 2.04 a \\ \hline 15.43 \pm 0.20 \\ \hline \end{array}$	$\begin{array}{c} 0.01\pm0.000\\ \hline 16\\ \hline 0.01\pm0.01b\\ 0.01\pm0.01a\\ 0.00\pm0.00ab\\ \hline 0.03\pm0.02abc\\ 5.25\pm1.73abc\\ 0.22\pm0.15bc\\ 3.06\pm1.06ab\\ 0.02\pm0.01bc\\ 0.02\pm0.01abc\\ 0.02\pm0.01abc\\ 0.02\pm0.01abc\\ 0.00\pm0.00b\\ \hline 8.62\pm2.80ab\\ \hline 0.00\pm0.00b\\ \hline 8.62\pm2.80ab\\ \hline 0.00\pm0.00b\\ \hline 0.02\pm0.02ab\\ 17.54\pm3.55a\\ 0.02\pm0.02ab\\ 17.54\pm3.55a\\ 0.02\pm0.01abcd\\ 0.00\pm0.00b\\ \hline 0.00\pm0.00abc\\ \hline 17.60\pm3.59a\\ 57.56\pm4.00b\\ 16.17\pm9.48a\\ 0.02\pm0.00a\\ 0.01\pm0.00b\\ 0.02\pm0.01b\\ 0.02\pm0.01b\\ 0.02\pm0.02ab\\ 0.00\pm0.00ab\\ \hline 0.02\pm0.01b\\ 0.02\pm0.02ab\\ 0.00\pm0.01a\\ \hline 73.79\pm6.27ab\\ \hline 16.10000 \\ \hline 0.00\pm0.00a\\ \hline 0.00\pm0.01a\\ \hline 0.00\pm0.01a\\ \hline 0.00\pm0.00a\\ \hline 0.00\pm0.01a\\ \hline 0.00\pm0.00a\\ \hline 0.00\pm0.$	$\begin{array}{c} 1.10\pm0.000\\ \hline 17\\ \hline 0.00\pm0.00b\\ 0.01\pm0.01a\\ 0.00\pm0.00c\\ 4.37\pm1.21bc\\ 0.12\pm0.05bc\\ 2.35\pm0.59bcd\\ 0.02\pm0.00bc\\ 0.02\pm0.00bc\\ 0.00\pm0.00b\\ \hline 0.02\pm0.00bc\\ 0.00\pm0.00b\\ \hline 0.03\pm0.01ab\\ 0.01\pm0.01ab\\ 15.85\pm2.11a\\ 0.03\pm0.01a\\ 0.00\pm0.00bc\\ 15.93\pm2.13a\\ 64.42\pm4.65a\\ 12.71\pm5.61a\\ 0.01\pm0.01b\\ 0.00\pm0.00bc\\ 0.00\pm0.00bc\\ 0.1\pm0.1abc\\ 0.00\pm0.00bc\\ 0.1\pm5.61a\\ 0.01\pm0.01ab\\ 0.00\pm0.00b\\ 0.01\pm0.01b\\ 0.00\pm0.00b\\ 0.01\pm0.01b\\ 0.00\pm0.00ab\\ 0.00\pm0.00ab\\ 0.00\pm0.00b\\ 0.01\pm0.01b\\ 0.00\pm0.00ab\\ 0.$	$\begin{array}{c} 0.10\pm0.020\\ \hline 18\\ \hline 0.00\pm0.00b\\ 0.01\pm0.01a\\ \hline 0.00\pm0.00ab\\ \hline 0.02\pm0.01c\\ \hline 4.87\pm1.21abc\\ \hline 0.42\pm0.36bc\\ \hline 2.23\pm0.75bcd\\ \hline 0.03\pm0.00ab\\ \hline 0.02\pm0.00bc\\ \hline 0.01\pm0.01ab\\ \hline 7.58\pm0.83ab\\ \hline 0.00\pm0.00ab\\ \hline 0.02\pm0.01bcd\\ \hline 0.02\pm0.01bcd\\ \hline 0.02\pm0.01bcd\\ \hline 0.02\pm0.02ab\\ \hline 16.52\pm2.11a\\ \hline 0.01\pm0.00bc\\ \hline 0.00\pm0.00bc\\ \hline 0.00\pm0.00bc\\ \hline 16.57\pm2.12a\\ \hline 62.70\pm1.80ab\\ \hline 13.11\pm0.59a\\ \hline 0.01\pm0.01bc\\ \hline 0.00\pm0.00b\\ \hline 0.01\pm0.01b\\ \hline 0.00\pm0.00b\\ \hline 0.01\pm0.01b\\ \hline 0.00\pm0.00b\\ \hline 0.01\pm0.01b\\ \hline 0.02\pm0.01ab\\ \hline 0.02\pm0.01ab\\ \hline 0.02\pm0.01ab\\ \hline 0.02\pm0.01ab\\ \hline 0.02\pm0.01ab\\ \hline 0.02\pm0.01ab\\ \hline 0.00\pm0.00a\\ \hline 12.1240.60c\\ \hline \end{array}$	$\begin{array}{c} 0.1010,0110\\ \hline 19\\ \hline 0.06\pm0.07a\\ 0.00\pm0.00a\\ 0.00\pm0.00a\\ \hline 0.00\pm0.00a\\ 0.00\pm0.00ab\\ \hline 0.00\pm0.00ab\\ \hline 0.02\pm1.06abc\\ \hline 0.17\pm0.14bc\\ \hline 2.24\pm0.74ab\\ \hline 0.02\pm0.01bc\\ \hline 0.03\pm0.02ab\\ \hline 0.01\pm0.01ab\\ \hline 8.63\pm1.45ab\\ \hline 0.00\pm0.00ab\\ \hline 0.02\pm0.01bc\\ \hline 0.02\pm0.01bc\\ \hline 0.02\pm0.02ab\\ \hline 18.32\pm0.53a\\ \hline 0.02\pm0.01abc\\ \hline 0.00\pm0.00bc\\ \hline 18.39\pm0.53a\\ \hline 60.44\pm0.97ab\\ \hline 12.49\pm1.26a\\ \hline 0.01\pm0.01ab\\ \hline 0.01\pm0.01a\\ \hline 0.01\pm0.01a\\ \hline 0.01\pm0.01b\\ \hline 0.02\pm0.02ab\\ \hline 10.01abc\\ \hline 0.01\pm0.01b\\ \hline 0.02\pm0.02ab\\ \hline 10.01abc\\ \hline 0.01\pm0.01b\\ \hline 0.02\pm0.02ab\\ \hline 0.00\pm0.01b\\ \hline 0.02\pm0.02ab\\ \hline 0.00\pm0.01a\\ \hline 72.98\pm1.97ab\\ \hline 12.5\pm1.72b\\ \hline \end{array}$
$\begin{array}{c} \hline Fatty Acids \\ \hline C 8:0 \\ \hline C 10:0 \\ \hline C 12:0 \\ \hline C 12:0 \\ \hline C 14:0 \\ \hline C 12:0 \\ \hline C 14:0 \\ \hline C 16:0 \\ \hline C 17:0 \\ \hline C 18:0 \\ \hline C 20:0 \\ \hline C 21:0 \\ \hline C 24:0 \\ \hline \sum SFA \\ \hline C 14:1 \\ \hline C 16:1 \\ \hline C 17:1 \\ \hline C 18:1 \\ \hline C 20:1 \\ \hline C 24:1 \\ \hline \sum MUFA \\ \hline C 18:2 \\ \hline C 18:3 \\ \hline C 20:2 \\ \hline C 20:4 \\ \hline C 20:5 \\ \hline C 22:4 \\ \hline C 22:5 \\ \hline \sum PUFA \\ \hline \sum \omega_3 \\ \hline \sum \psi_6 \\ \hline \end{array}$	$\begin{array}{c} 1.1 \\ 14 \\ 0.00 \pm 0.00b \\ 0.00 \pm 0.00a \\ 0.00 \pm 0.00a \\ 0.03 \pm 0.01bc \\ 5.55 \pm 1.14abc \\ 0.16 \pm 0.05bc \\ 2.10 \pm 0.40bcd \\ 0.02 \pm 0.00ab \\ 0.01 \pm 0.00bc \\ 0.01 \pm 0.00bc \\ 0.01 \pm 0.00bc \\ 0.02 \pm 0.00bc \\ 0.00 \pm 0.00ab \\ 0.00 \pm 0.00ab \\ 0.00 \pm 0.00bc \\ 0.01 \pm 0.00abc \\ 0.01 \pm 0.00bb \\ 0.01 \pm 0.00b \\ 0.00 \pm 0.00b \\ 0.01 \pm 0.00b \\ 0.00 \pm 0.00b \\ 0.$	15 0.00 \pm 0.00b 0.01 \pm 0.01a 0.00 \pm 0.00ab 0.02 \pm 0.01c 4.82 \pm 1.25abc 0.41 \pm 0.37bc 2.31 \pm 0.85bcd 0.02 \pm 0.00ab 0.02 \pm 0.00ab 0.02 \pm 0.00ab 0.02 \pm 0.00ab 0.02 \pm 0.00bc 0.01 \pm 0.01ab 7.61 \pm 0.81ab 0.00 \pm 0.00b 0.03 \pm 0.01bc 0.02 \pm 0.01ab 15.32 \pm 1.27a 0.02 \pm 0.01abcd 0.00 \pm 0.00b 0.00 \pm 0.00b 0.00 \pm 0.00abc 15.39 \pm 1.27a 61.51 \pm 3.91ab 15.44 \pm 2.29a 0.01 \pm 0.01abc 0.00 \pm 0.00b 0.01 \pm 0.01abc 0.00 \pm 0.00b 0.02 \pm 0.01ab 0.02 \pm 0.01ab 0.02 \pm 0.01ab 0.00 \pm 0.00b 0.02 \pm 0.01ab 0.00 \pm 0.00a 77.00 \pm 2.04a 15.45 \pm 2.29a (1.54) 52.27a	$\begin{array}{c} 0.01\pm0.000\\ \hline 16\\ \hline 0.01\pm0.01b\\ 0.01\pm0.01a\\ \hline 0.00\pm0.00ab\\ \hline 0.03\pm0.02abc\\ \hline 5.25\pm1.73abc\\ \hline 0.22\pm0.15bc\\ \hline 3.06\pm1.06ab\\ \hline 0.02\pm0.01bc\\ \hline 0.02\pm0.01abc\\ \hline 0.02\pm0.01abc\\ \hline 0.00\pm0.00b\\ \hline 8.62\pm2.80ab\\ \hline 0.02\pm0.02bc\\ \hline 0.02\pm0.00ab\\ \hline 0.00\pm0.00b\\ \hline 0.00\pm0.00b\\ \hline 0.00\pm0.00b\\ \hline 0.01\pm0.00b\\ \hline 0.02\pm0.02ab\\ \hline 0.02\pm0.02ab\\ \hline 0.02\pm0.02ab\\ \hline 0.02\pm0.02ab\\ \hline 0.02\pm0.02ab\\ \hline 0.00\pm0.01a\\ \hline 73.79\pm6.27ab\\ \hline 16.19\pm9.49a\\ \hline 57.60.4.001\\ \hline \end{array}$	$\begin{array}{c} 1.10 \pm 0.000 \\ \hline 17 \\ 0.00 \pm 0.00b \\ 0.01 \pm 0.01a \\ 0.00 \pm 0.00c \\ 4.37 \pm 1.21 bc \\ 0.12 \pm 0.05 bc \\ 2.35 \pm 0.59 bcd \\ 0.02 \pm 0.00 bc \\ 0.02 \pm 0.00 bc \\ 0.00 \pm 0.00 bc \\ 0.00 \pm 0.00 bc \\ 0.00 \pm 0.00 b \\ 0.03 \pm 0.28 b \\ 0.00 \pm 0.00 ab \\ 0.03 \pm 0.28 b \\ 0.00 \pm 0.00 ab \\ 0.03 \pm 0.1 ab \\ 0.01 \pm 0.01 ab \\ 15.85 \pm 2.11 a \\ 0.03 \pm 0.01 a \\ 0.00 \pm 0.00 bc \\ 15.93 \pm 2.13 a \\ 64.42 \pm 4.65 a \\ 12.71 \pm 5.61 a \\ 0.01 \pm 0.01 b \\ 0.00 \pm 0.00 b \\ 0.01 \pm 0.01 b \\ 0.00 \pm 0.00 b \\ 0.01 \pm 0.01 b \\ 0.00 \pm 0.00 b \\ 0.01 \pm 0.01 b \\ 0.00 \pm 0.00 b \\ 0.00 \pm 0.00 a \\ 77.15 \pm 1.94 a \\ 12.72 \pm 5.60 a \\ (4.42 \pm 4.65 a \\ 12.74 \pm 5.60 a \\ (4.42 \pm 4.45 a \\ 12.74 \pm 5.60 a \\ (4.42 \pm 4.45 a \\ 12.74 \pm 5.60 a \\ (4.42 \pm 4.45 a \\ 12.74 \pm 5.60 a \\ (4.42 \pm 4.45 a \\ (4.42 \pm 4.45 a \\ (4.44 \pm 4.45 $	$\begin{array}{c} 1.1 \\ \hline 18 \\ \hline 0.00\pm0.00b \\ 0.01\pm0.01a \\ 0.00\pm0.00ab \\ 0.02\pm0.01c \\ \hline 4.87\pm1.21abc \\ 0.42\pm0.36bc \\ 2.23\pm0.75bcd \\ 0.03\pm0.00ab \\ 0.02\pm0.00bc \\ 0.01\pm0.01ab \\ \hline 7.58\pm0.83ab \\ 0.00\pm0.00ab \\ 0.02\pm0.01bcd \\ 0.02\pm0.01bcd \\ 0.02\pm0.01bcd \\ 0.02\pm0.02ab \\ 16.52\pm2.11a \\ 0.01\pm0.00bc \\ 0.00\pm0.00bc \\ \hline 0.02\pm0.00bc \\ 0.00\pm0.00bc \\ 0.01\pm0.01abc \\ 0.01\pm0.01abc \\ 0.00\pm0.00b \\ 0.01\pm0.01abc \\ 0.00\pm0.00b \\ 0.01\pm0.01ab \\ 0.00\pm0.00b \\ 0.01\pm0.01b \\ 0.02\pm0.01ab \\ 0.00\pm0.00a \\ \hline 75.85\pm1.29ab \\ 13.13\pm0.60a \\ (2.70\pm1.76\pm0.000b) \\ \hline 0.01\pm0.01ab \\ \hline 0.00\pm0.00a \\ \hline 75.85\pm1.29ab \\ \hline 13.13\pm0.60a \\ \hline (2.70\pm1.76\pm0.000b) \\ \hline 0.00\pm0.00a \\ \hline 0.00\pm0.00$	$\begin{array}{c} 0.1010,0110\\ \hline 19\\ \hline 0.06\pm0.07a\\ 0.00\pm0.00a\\ 0.00\pm0.00a\\ \hline 0.00\pm0.00a\\ 0.00\pm0.00ab\\ \hline 0.00\pm0.00ab\\ \hline 0.02\pm1.06abc\\ \hline 0.17\pm0.14bc\\ \hline 2.24\pm0.74ab\\ \hline 0.02\pm0.01bc\\ \hline 0.03\pm0.02ab\\ \hline 0.01\pm0.01ab\\ \hline 8.63\pm1.45ab\\ \hline 0.00\pm0.00ab\\ \hline 0.02\pm0.01bc\\ \hline 0.02\pm0.01bc\\ \hline 0.02\pm0.01bc\\ \hline 0.02\pm0.01bc\\ \hline 0.00\pm0.00ab\\ \hline 0.00\pm0.00bc\\ \hline 18.39\pm0.53a\\ \hline 0.00\pm0.00bc\\ \hline 18.39\pm0.53a\\ \hline 60.44\pm0.97ab\\ 12.49\pm1.26a\\ \hline 0.01\pm0.01abc\\ \hline 0.01\pm0.01a\\ \hline 0.01\pm0.01a\\ \hline 0.02\pm0.02ab\\ \hline 12.49\pm1.26a\\ \hline 0.01\pm0.01a\\ \hline 0.02\pm0.02ab\\ \hline 12.98\pm1.97ab\\ \hline 12.51\pm1.25a\\ \hline (0.47\pm0.014)\\ \hline 0.02\pm0.024\\ \hline \end{array}$
$ \begin{array}{c} Fatty Acids \\ \hline Fatty Acids \\ \hline C 8:0 \\ \hline C 10:0 \\ \hline C 12:0 \\ \hline C 12:0 \\ \hline C 14:0 \\ \hline C 12:0 \\ \hline C 14:0 \\ \hline C 14:0 \\ \hline C 16:0 \\ \hline C 20:0 \\ \hline C 24:0 \\ \hline \sum SFA \\ \hline C 24:0 \\ \hline \sum SFA \\ \hline C 14:1 \\ \hline C 16:1 \\ \hline C 17:1 \\ \hline C 18:1 \\ \hline C 20:1 \\ \hline C 24:1 \\ \hline \sum MUFA \\ \hline C 18:2 \\ \hline C 24:1 \\ \hline \sum MUFA \\ \hline C 18:2 \\ \hline C 18:3 \\ \hline C 20:2 \\ \hline C 20:2 \\ \hline C 20:4 \\ \hline C 20:5 \\ \hline C 22:4 \\ \hline C 22:5 \\ \hline \sum PUFA \\ \hline \sum \omega 6 \\ \hline \sum SFA \\ \hline D FA \\ \hline C 15 \\ \hline C 5 \\ \hline C 14:1 \\ \hline C 16:1 \\ \hline C 17:1 \\ \hline C 16:1 \\ \hline C 17:1 \\ \hline C 16:1 \\ \hline C 20:0 \\ \hline C 22:0 \\ \hline C 22:1 \\ \hline C 24:1 \\ \hline C 18:2 \\ \hline C 18:2 \\ \hline C 14:1 \\ \hline C 16:1 \\ \hline C 17:1 \\ \hline C 16:1 \\ \hline C 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0.01\pm0.01b\\ 0.00\pm0.00b\\ 0.00\pm0.00b\\ 0.00\pm0.00b\\ 0.01\pm0.01b\\ 0.00\pm0.00b\\ 0.00\pm0.00a\\ 77.15\pm1.94a\\ 12.72\pm5.60a\\ 64.43\pm4.65a\\ 0.00\pm0.00c\\ 15.92\pm2.560a\\ 64.43\pm4.65a\\ 0.00\pm0.00b\\ 0.00\pm0.00b\\ 0.00\pm0.00b\\ 0.00\pm0.00a\\ 0.00\pm0.00b\\ 0.00\pm0.00$</td> <td>$\begin{array}{c} 0.00\pm0.02b\\ 18\\ \hline 0.00\pm0.00b\\ 0.01\pm0.01a\\ 0.00\pm0.00ab\\ 0.02\pm0.01c\\ 4.87\pm1.21abc\\ 0.42\pm0.36bc\\ 2.23\pm0.75bcd\\ 0.03\pm0.00ab\\ 0.02\pm0.00bc\\ 0.01\pm0.01ab\\ 7.58\pm0.83ab\\ 0.00\pm0.00bc\\ 0.00\pm0.00ab\\ 0.02\pm0.01bcd\\ 0.02\pm0.01bcd\\ 0.02\pm0.01bcd\\ 0.02\pm0.02ab\\ 16.52\pm2.11a\\ 0.01\pm0.00bcd\\ 0.00\pm0.00bc\\ 16.57\pm2.12a\\ 62.70\pm1.80ab\\ 13.11\pm0.59a\\ 0.01\pm0.01bc\\ 0.00\pm0.00b\\ 0.01\pm0.01ab\\ 0.00\pm0.00b\\ 0.01\pm0.01ab\\ 0.00\pm0.00b\\ 0.01\pm0.01ab\\ 0.00\pm0.00b\\ 0.01\pm0.01ab\\ 0.00\pm0.00b\\ 0.01\pm0.01ab\\ 0.00\pm0.00b\\ 1.58\pm1.29ab\\ 13.13\pm0.60a\\ 62.72\pm1.78ab\\ 0.100b\\ 0.00\pm0.00b \\ 0.00\pm0.00b \\ 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The countries - 1: Hartley, 2: 206, 3: Serr, 4: Mitlant, 5: Fernor, 6: Pedro, 7: Payne, 8: Oguzlar, 9: Fernette, 10: 46, 11: Howard, 12: Akca 2, 13: 39, 14: Sen 1, 15: Maras 18, 16: 91, 17: Sili yerel, 18: 58, 19: 46.

The highest value in the same line is denoted with a, the lowest value is denoted with h, and the value between a and h is denoted with other.

If the value has denotation of ab, bc (or cd) it is found in the range of a and b, b and c, c and d.

a, b, c, d values for each sample with different letters in the same fraction are significantly different at P <0.05.

Oleic acid is mostly found in Oguzlar and the major MUFA, contributing approximately 15.32-19.23% to the total SFA content. The level of MUFA (mono unsaturated fatty acid) depends on level of oleic acid. The greatest proportion of oleic acid is found in Oguzlar. EC (1980) reported that erucic acid 22:1 ω 9 in vegetable oils had to be found at a maximum value of 5.0% for the human health. In this study, erucic acid was found to be between 0 and 0.01% in all species.

Dyerberg (1986) noted that an increase in the ratio of $\omega 3/\omega 6$ PUFA increased the availability of $\omega 3$ PUFAs, which are beneficial for human health. The long chain $\omega 3$ and $\omega 6$ fatty acids commonly are called PUFAs. Long-chain $\omega 3$ PUFAs cannot be readily synthesised by human bodies and mostly are obtained through the diet, and ratios of $\omega 3/\omega 6$ are considered to be important (Alasalvar et al. 2002). The lowest linoleic acid content (57.56%) is found to be in 96 species. Nutritionists suggested that $\omega 3$ fatty acids had to be found more in human diet. Therefore, they reported that $\omega 6/\omega 3$ ratio had to be values below 4.0 for the human health (HMSO 1994). In the present study, $\omega 6/\omega 3$ ratio is found 3.56% in 91 species and 6.56% in Howard.

4. References

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