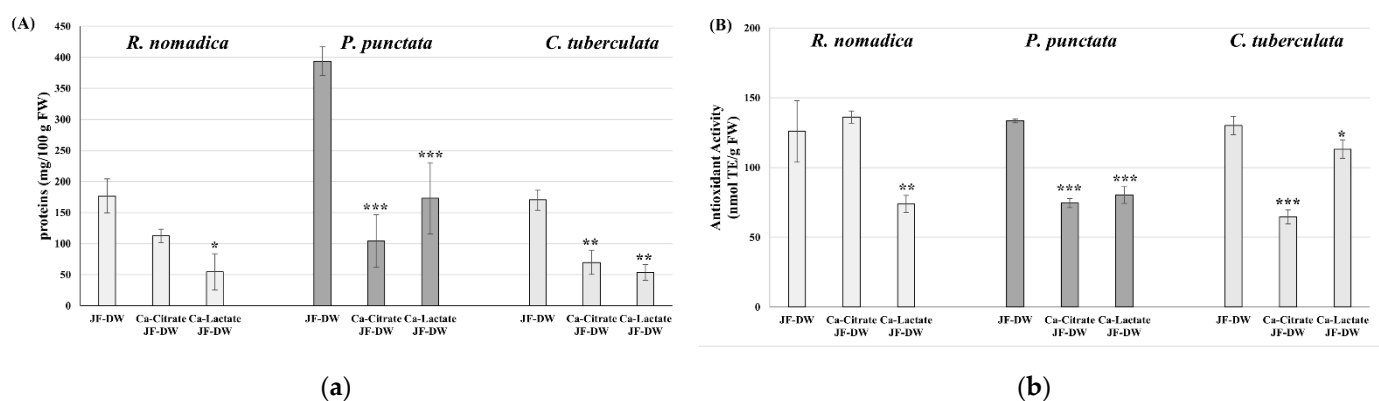


**Figure S1.** *Rhizostoma pulmo* jellyfish products obtained by the new proposed method. Ca-C: *R. pulmo* jellyfish after treatment in calcium citrate brine (a); Ca-L: *R. pulmo* jellyfish after treatment in calcium lactate brine (b); NaCl-Alum: *R. pulmo* jellyfish obtained by salt-alum traditional method (c).



**Figure S2.** Proteins content (a) and Antioxidant activity (b) in *Cotylorhiza tuberculata*, *Rhopilema nomadica* and *Phyllorhiza punctata* JF-DW samples and the corresponding calcium salt treated samples (Ca-Lactate JF-DW and Ca-Citrate JF-DW). Protein contents were expressed as mg per 100 grams of fresh weight (mg/100 g FW) and antioxidant activity was expressed as nmol TE per gram of FW (nmol TE/g FW). Values are the means of three independent measurements,  $\pm$  standard deviation. ANOVA statistic test followed by Bonferroni's multiple comparison post-hoc test was used to compare each treatment with the others for each JF species.

**Table S1.** Microbiological analyses of JF-DW (JF transported on lab and pre-treated with drinking water) untreated and treated with brines containing different calcium salts at 5 days treatment at 4 °C (Ca-Citrate: calcium citrate; Ca-Lactate: calcium lactate). The different letters in line indicate significant differences between samples ( $p < 0.05$ )

Microorganisms	Medium	JF-DW					
		Untreated		Ca-Citrate		Ca-Lactate	
		Mean (CFU/g)	SD	Mean (CFU/g)	SD	Mean (CFU/g)	SD
TBC	PCA	0 (a)	0	$8.75 \times 10^1$ (b)	3.54	$2.90 \times 10^2$ (c)	$5.66 \times 10^1$
<i>Bacillus</i> spp.	BCSA	3.00 (a)	1.05	0 (b)	0	0 (b)	0
H <sub>2</sub> S-producing bacteria	IRON AGAR	0	0	0	0	0	0
Enterobacteriaceae	VRBGA	0	0	0	0	0	0
<i>Coli-Aerogenes</i> Bacteria	VRBA	0	0	0	0	0	0
Coagulase positive staphylococci	Baird Parker Agar	0	0	0	0	0	0
Pathogenic staphylococci	MSA	0	0	0	0	0	0
<i>Pseudomonas</i> spp.	Pseudomonas Agar	0	0	0	0	0	0
<i>Vibrio</i> spp.	TCBSA	0	0	0	0	0	0
Yeasts	DRBC	0	0	0	0	0	0
Moulds		0	0	0	0	0	0
Halophilic Bacteria	R2A	0 (a)	0	$1.15 \times 10^1$ (a)	2.12	$6.75 \times 10^1$ (b)	3.54
	Marine Agar	0	0	0	0	0	0
Halophilic Yeasts	sCMA	0	0	0	0	0	0
	sSDA	0	0	0	0	0	0
	R2A	0	0	0	0	0	0
	Marine Agar	0	0	0	0	0	0
Halophilic Moulds	sCMA	0	0	0	0	0	0
	sSDA	0	0	0	0	0	0
	R2A	0	0	0	0	0	0
	Marine Agar	0	0	0	0	0	0

TBC: total bacterial count at 30 °C; sCMA: saline Corn Meal Agar; sSDA: saline Sabouraud Dextrose Agar

**Table S2.** Microbiological analyses of JF-B (JF directly pre-treated on boat) untreated and treated with brines containing different calcium salts at 5 days treatment at 4 °C (Ca-Citrate: calcium citrate; Ca-Lactate: calcium lactate). The different letters in line indicate significant differences between samples ( $p < 0.05$ )

Microorganisms	Medium	JF-B					
		Untreated		Ca-Citrate		Ca-Lactate	
		Mean (CFU/g)	SD	Mean (CFU/g)	SD	Mean (CFU/g)	SD
TBC	PCA	$4.60 \times 10^1$ (a)	4.58	$7.50$ (b)	2.12	$6.40 \times 10^1$ (a)	$1.98 \times 10^1$
<i>Bacillus</i> spp.	BCSA	$2.40 \times 10^1$ (a)	5.66	0 (b)	0	$1.35 \times 10^1$ (a)	2.12
H <sub>2</sub> S-producing bacteria	IRON AGAR	0	0	0	0	0	0
Enterobacteriaceae	VRBGA	0 (a)	0	0 (a)	0	$1.45 \times 10^1$ (b)	$8.15 \times 10^{-1}$
<i>Coli-Aerogenes</i> Bacteria	VRBA	0	0	0	0	0	0
Coagulase positive staphylococci	Baird Parker Agar	0	0	0	0	0	0

Pathogenic staphylococci	MSA	0	0	0	0	0	0
<i>Pseudomonas</i> spp.	Pseudomonas Agar	3.50 (a)	5.08 x 10 <sup>1</sup>	0 (b)	0	0 (b)	0
<i>Vibrio</i> spp.	TCBSA	0	0	0	0	0	0
Yeasts	DRBC	0	0	0	0	0	0
Moulds		0	0	0	0	0	0
Halophilic Bacteria	R2A	7.60 x 10 <sup>1</sup> (a)	7.16	0 (b)	0	0 (b)	0
	Marin Agar	0	0	0	0	0	0
Halophilic Yeasts	sCMA	0	0	0	0	0	0
	sSDA	0	0	0	0	0	0
	R2A	0 (a)	0	0 (a)	0	2.75 x 10 <sup>1</sup> (b)	1.06 x 10 <sup>1</sup>
	Marine Agar	0	0	0	0	0	0
Halophilic Moulds	sCMA	0	0	0	0	0	0
	sSDA	0	0	0	0	0	0
	R2A	0	0	0	0	0	0
	Marine Agar	0	0	0	0	0	0

TBC: total bacterial count at 30 °C; sCMA: saline Corn Meal Agar; sSDA: saline Sabouraud Dextrose Agar

**Table S3.** Microbiological analyses of *Rhizostoma pulmo* JF sample washed in drinking water and then treated with NaCl-alum (Salt-Alum JF-DW). This sample was obtained after 20 days at 4 °C and 2 days air drying (as described in Material and Methods section).

Microorganisms	Medium	Mean (CFU/g)	SD
TBC	PCA	5.80x 10 <sup>1</sup>	3.11x10 <sup>1</sup>
<i>Bacillus</i> spp.	BCSA	4.15x10 <sup>1</sup>	1.20x10 <sup>1</sup>
H <sub>2</sub> S-producing bacteria	IRON AGAR	0	0
Enterobacteriaceae	VRBGA	0	0
<i>Coli-Aerogenes</i> Bacteria	VRBA	0	0
Coagulase positive staphylococci	Baird Parker Agar	0	0
Pathogenic staphylococci	MSA	0	0
<i>Pseudomonas</i> spp.	Pseudomonas Agar	0	0
<i>Vibrio</i> spp.	TCBSA	0	0
Yeasts	DRBC	1.30x10 <sup>2</sup>	1.41x10 <sup>1</sup>
Moulds		0	0
Halophilic Bacteria	R2A	9.88x10 <sup>2</sup>	2.23x10 <sup>2</sup>
	Marine Agar	4.43x10 <sup>2</sup>	2.49x10 <sup>2</sup>
Halophilic Yeasts	sCMA	2.22x10 <sup>2</sup>	8.20x10 <sup>1</sup>
	sSDA	5.00x10 <sup>2</sup>	4.24x10 <sup>2</sup>
	R2A	1.16x10 <sup>3</sup>	6.22x10 <sup>2</sup>
	Marine Agar	9.00x10 <sup>2</sup>	4.24x10 <sup>2</sup>
Halophilic Moulds	sCMA	0	0
	sSDA	0	0
	R2A	0	0
	Marine Agar	0	0

TBC: total bacterial count at 30° C; sCMA: saline Corn Meal Agar; sSDA: saline Sabouraud Dextrose Agar

**Table S4.** Amino acid composition of *Rhizostoma pulmo* JF fresh and untreated (Untreated JF), washed in drinking water (JF-DW), and treated with calcium citrate (Ca-Citrate JF-DW) and calcium lactate (Ca-Lactate JF-DW). Data are mean  $\pm$  Standard deviation ( $\pm$  SD) of four independent analyses. AA. amino acids; Nd. Not detected.

<i>Rhizostoma pulmo</i> samples								
Amino acids	Untreated JF		JF-DW		Ca-Citrate JF-DW		Ca-Lactate JF-DW	
	Percentage per dry weight (% of dw)	Percentage of total AA	Percentage per dry weight (% of dw)	Percentage of total AA	Percentage per dry weight (% of dw)	Percentage of total AA	Percentage per dry weight (% of dw)	Percentage of total AA
	Average $\pm$ SD	(%)	Average $\pm$ SD	(%)	Average $\pm$ SD	(%)	Average $\pm$ SD	(%)
Taurin	0.3 $\pm$ 0.1	5.4	0.1 $\pm$ 0.1	0.6	0.1 $\pm$ 0.1	0.9	0.2 $\pm$ 0.1	1.2
Methionine sulfoxide	n.d.	-	n.d.	-	n.d.	-	n.d.	-
Hydroxyproline	0.0	-	0.1 $\pm$ 0.1	1.2	0.2 $\pm$ 0.2	1.3	0.2 $\pm$ 0.2	1.1
Aspartic acid + Asparagine	0.4 $\pm$ 0.1	5.9	0.6 $\pm$ 0.2	6.8	1.0 $\pm$ 0.1	6.7	1.0 $\pm$ 0.2	6.5
Threonine	0.2 $\pm$ 0.0	3.6	0.3 $\pm$ 0.1	3.4	0.6 $\pm$ 0.0	4.2	0.7 $\pm$ 0.1	4.7
Serine	0.3 $\pm$ 0.0	5.3	0.5 $\pm$ 0.1	5.0	0.9 $\pm$ 0.2	6.0	0.8 $\pm$ 0.2	5.6
Glutamic acid + Glutamine	0.6 $\pm$ 0.1	9.9	0.9 $\pm$ 0.3	9.4	1.7 $\pm$ 0.1	11.1	1.6 $\pm$ 0.1	10.4
Proline	0.2 $\pm$ 0.2	3.0	0.5 $\pm$ 0.3	5.5	1.1 $\pm$ 0.2	7.2	1.1 $\pm$ 0.1	7.4
Glycine	0.6 $\pm$ 0.0	9.4	1.6 $\pm$ 0.4	17.0	2.4 $\pm$ 0.0	15.5	2.2 $\pm$ 0.1	14.4
Alanine	0.4 $\pm$ 0.0	7.0	0.8 $\pm$ 0.2	8.5	1.1 $\pm$ 0.2	7.2	1.5 $\pm$ 0.3	9.5
Cystine (Cys-Cys)	0.0 $\pm$ 0.0	0.5	n.d.	-	0.0 $\pm$ 0.1	0.3	0.1 $\pm$ 0.1	0.4
Valine	0.3 $\pm$ 0.0	5.0	0.4 $\pm$ 0.1	4.0	0.8 $\pm$ 0.0	5.1	0.8 $\pm$ 0.0	5.3
Methionine	0.0 $\pm$ 0.0	0.8	0.1 $\pm$ 0.1	0.6	0.2 $\pm$ 0.0	1.3	0.2 $\pm$ 0.0	1.3
Isoleucine	0.2 $\pm$ 0.0	3.8	0.3 $\pm$ 0.1	3.2	0.5 $\pm$ 0.0	3.3	0.5 $\pm$ 0.0	3.0
Leucine	0.3 $\pm$ 0.0	5.8	0.4 $\pm$ 0.1	4.5	0.7 $\pm$ 0.0	4.6	0.7 $\pm$ 0.0	4.4
Tyrosine	0.3 $\pm$ 0.1	5.8	0.3 $\pm$ 0.1	3.7	0.5 $\pm$ 0.1	3.3	0.4 $\pm$ 0.1	2.9
Phenylalanine	0.4 $\pm$ 0.1	7.4	0.4 $\pm$ 0.1	4.8	0.7 $\pm$ 0.1	4.5	0.7 $\pm$ 0.2	4.5
Histidine	0.2 $\pm$ 0.0	2.9	0.3 $\pm$ 0.1	3.5	0.4 $\pm$ 0.0	2.9	0.5 $\pm$ 0.1	2.9
Hydroxylysine	n.d.	-	n.d.	-	n.d.	-	n.d.	-
Lysine	0.4 $\pm$ 0.0	7.3	0.5 $\pm$ 0.1	5.5	0.8 $\pm$ 0.0	5.1	0.8 $\pm$ 0.0	5.1
Tryptophan	n.d.	-	n.d.	-	n.d.	-	n.d.	-

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Arginine	0.7 ± 0.2	11.1	1.2 ± 0.4	12.7	1.5 ± 0.4	9.8	1.4 ± 0.3	9.2
Ammonia	0.1 ± 0.0	1.7	0.1 ± 0.0	1.5	0.2 ± 0.0	1.6	0.2 ± 0.0	1.5
Total (AA only)	6.0 ± 0.1	100.0	9.2 ± 2.1	100.0	15.4 ± 0.7	100.0	15.3 ± 0.8	100.0
Total (AA + ammonia)	6.1 ± 0.1		9.3 ± 2.1		15.7 ± 0.7		15.5 ± 0.8	

**Table S5.** Microbiological analyses of *Cotylorhiza tuberculata* JF sample washed with drinking water (JF-DW) and treated with brines containing calcium salts (Ca-Citrate: calcium citrate; Ca-Lactate: calcium lactate). The different letters in line indicate significant differences between samples (p < 0.05)

<i>Cotylorhiza tuberculata</i>							
Microorganisms	Medium	JF-DW		Ca-Citrate		Ca-Lactate	
		Mean (CFU/g)	SD	Mean (CFU/g)	SD	Mean (CFU/g)	SD
TBC	PCA	0	0	0	0	0	0
<i>Bacillus</i> spp.	BCSA	0	0	0	0	0	0
H <sub>2</sub> S-producing bacteria	IRON AGAR	0	0	0	0	0	0
Enterobacteriaceae	VRBGA	0	0	0	0	0	0
<i>Coli-Aerogenes</i> Bacteria	VRBA	0	0	0	0	0	0
Coagulase positive staphylococci	Baird Parker Agar	0	0	0	0	0	0
<i>Pseudomonas</i> spp.	Pseudomonas Agar	0	0	0	0	0	0
Yeasts	DRBC	0	0	0	0	0	0
Moulds		0 (a)	0	0 (a)	0	3.60x10 <sup>1</sup> (b)	1.69 x10 <sup>1</sup>
Halophilic Bacteria	R2A	0 (a)	0	2.80x 10 <sup>1</sup> (b)	8.48	1.60x10 <sup>1</sup> (b)	1.13 x10 <sup>1</sup>
	Marine Agar	0 (a)	0	1.20 x10 <sup>1</sup> (a)	2.82	3.21 x10 <sup>1</sup> (b)	1.56 x10 <sup>1</sup>
Halophilic Yeasts	sCMA	0 (a)	0	0 (a)	0	2.53 x10 <sup>1</sup> (b)	1.75 x10 <sup>1</sup>
	sSDA	0 (a)	0	0 (a)	0	3.20x 10 <sup>1</sup> (b)	1.18 x10 <sup>1</sup>
	R2A	0 (a)	0	0 (a)	0	1.20 x10 <sup>1</sup> (b)	5.65
	Marine Agar	0	0	0	0	0	0
Halophilic Moulds	sCMA	0	0	0	0	0	0
	sSDA	0	0	0	0	0	0
	R2A	0	0	0	0	0	0
	Marine Agar	0	0	0	0	0	0

TBC: total bacterial count at 30°C; sCMA: saline Corn Meal Agar; sSDA: saline Sabouraud Dextrose Agar

**Table S6.** Microbiological analyses of *Rhopilema nomadica* JF sample washed with drinking water (JF-DW) and treated with brines containing calcium salts (Ca-Citrate: calcium citrate; Ca-Lactate: calcium lactate). The different letters in line indicate significant differences between samples ( $p < 0.05$ )

<i>Rhopilema nomadica</i>							
Microorganisms	Medium	JF-DW		Ca-Citrate		Ca-Lactate	
		Mean (CFU/g)	SD	Mean (CFU/g)	SD	Mean (CFU/g)	SD
TBC	PCA	4.20 x 10 <sup>1</sup> (a)	1.27 x 10 <sup>1</sup>	3.60 x 10 <sup>1</sup> (a)	5.74	0 (b)	0
<i>Bacillus</i> spp.	BCSA	0 (a)	0	2.40 x 10 <sup>1</sup> (b)	7.48	0 (a)	0
H <sub>2</sub> S-producing bacteria	IRON AGAR	0	0	0	0	0	0
Enterobacteriaceae	VRBGA	0	0	0	0	0	0
<i>Coli-Aerogenes</i> Bacteria	VRBA	0	0	0	0	0	0
Coagulase positive staphylococci	Baird Parker Agar	0	0	0	0	0	0
<i>Pseudomonas</i> spp.	Pseudomonas Agar	0	0	0	0	0	0
Yeasts	DRBC	0	0	0	0	0	0
Moulds		2.40 x 10 <sup>1</sup> (a)	6.45	0 (b)	0	0 (b)	0
Halophilic Bacteria	R2A	0 (a)	0	1.02x 10 <sup>2</sup> (b)	1.48 x 10 <sup>1</sup>	0 (a)	0
	Marine Agar	0 (a)	0	7.80 x 10 <sup>1</sup> (b)	4.24	1.60 x 10 <sup>1</sup> (a)	7.85
Halophilic Yeasts	sCMA	0	0	0	0	0	0
	sSDA	0	0	0	0	0	0
	R2A	7.20 x 10 <sup>1</sup> (a)	6.52	0 (b)	0	0 (b)	0
	Marine Agar	9.60 x 10 <sup>1</sup> (a)	8.13	2.46 x 10 <sup>1</sup> (b)	9.13	0 (c)	0
	sCMA	0	0	0	0	0	0
Halophilic Moulds	sSDA	0	0	0	0	0	0
	R2A	0	0	0	0	0	0
	Marine Agar	0	0	0	0	0	0
	sCMA	0	0	0	0	0	0

TBC: total bacterial count at 30 °C; sCMA: saline Corn Meal Agar; sSDA: saline Sabouraud Dextrose Agar

**Table S7.** Microbiological analyses of *Phyllorhiza punctata* JF sample washed with drinking water (JF-DW) and treated with brines containing calcium salts (Ca-Citrate: calcium citrate; Ca-Lactate: calcium lactate). The different letters in line indicate significant differences between samples ( $p < 0.05$ )

<i>Phyllorhiza punctata</i>							
Microorganisms	Medium	JF-DW		Ca-Citrate		Ca-Lactate	
		Mean (CFU/g)	SD	Mean (CFU/g)	SD	Mean (CFU/g)	SD
TBC	PCA	1.08 x 10 <sup>2</sup> (a)	8.74	5.10 x 10 <sup>1</sup> (b)	2.34	7.12 x 10 <sup>1</sup> (b)	1.10 x 10 <sup>1</sup>
<i>Bacillus</i> spp.	BCSA	1.20 x 10 <sup>1</sup> (a)	6.98	1.20 x 10 <sup>1</sup> (a)	3.61	0 (b)	0
H <sub>2</sub> S-producing bacteria	IRON AGAR	1.80 x 10 <sup>1</sup> (a)	4.26	0 (b)	0	0 (b)	0
Enterobacteriaceae	VRBGA	0	0	0	0	0	0
<i>Coli-Aerogenes</i> Bacteria	VRBA	0	0	0	0	0	0
Coagulase positive staphylococci	Baird Parker Agar	0	0	0	0	0	0
<i>Pseudomonas</i> spp.	Pseudomonas Agar	0	0	0	0	0	0
Yeasts	DRBC	0	0	0	0	0	0
Moulds		0	0	0	0	0	0
Halophilic Bacteria	R2A	1.68 x 10 <sup>2</sup> (a)	5.09 x 10 <sup>1</sup>	1.50 x 10 <sup>1</sup> (b)	2.12	2.46 x 10 <sup>2</sup> (a)	3.81 x 10 <sup>1</sup>
	Marine Agar	6.60 x 10 <sup>1</sup> (a)	4.08	2.70 x 10 <sup>1</sup> (b)	2.44	1.02 x 10 <sup>2</sup> (c)	1.27 x 10 <sup>1</sup>
Halophilic Yeasts	sCMA	0 (a)	0	9.05 (b)	2.32	0 (a)	0
	sSDA	0	0	0	0	0	0
	R2A	0	0	0	0	0	0
	Marine Agar	0	0	0	0	0	0
Halophilic Moulds	sCMA	0	0	0	0	0	0
	sSDA	0 (a)	0	1.20 x 10 <sup>1</sup> (b)	4.06	0 (a)	0
	R2A	0	0	0	0	0	0
	Marine Agar	0 (a)	0	1.50 x 10 <sup>1</sup> (b)	2.16	0 (a)	0

TBC: total bacterial count at 30°C; sCMA: saline Corn Meal Agar; sSDA: saline Sabouraud Dextrose Agar



**Table S8.** Texture, salinity and pH values of *Cotylorhiza tuberculata*, *Rhopilema nomadica* and *Phyllorhiza punctata* JF samples washed with drinking water (JF-DW) and treated with brines containing calcium salts at 5 days treatment (Ca-Citrate: calcium citrate; Ca-Lactate: calcium lactate). The different letters in line indicate significant differences between samples ( $p < 0.05$ )

	Texture (N)			Salinity (% NaCl)			pH		
	JF-DW	Ca-Citrate	Ca- Lactate	JF-DW	Ca-Citrate	Ca- Lactate	JF-DW	Ca-Citrate	Ca- Lactate
<i>C. tuberculata</i>	-16.6± 4 (a)	-34.9± 5 (b)	-29.6 ± 8 (b)	2	1	1.2	7.9	7.1	7.2
<i>R. nomadica</i>	-63.3 ± 9 (a)	-27.2 ± 3 (b)	-30.7 ± 9 (b)	3.5	1	1	7.9	7	6
<i>P. punctata</i>	-47.2 ± 9 (a)	-24.3 ± 3 (b)	-22.7 ± 8 (b)	1.2	0.5	1	7.9	6	6.8

**Table S9.** Comparison of the fatty acid composition of and *Rhopilema nomadica*, *Phyllorhiza punctata* and *Cotylorhiza tuberculata* JF samples washed with drinking water (JF-DW) and treated with brines containing calcium salts at 5 days treatment (Ca-Citrate: calcium citrate; Ca-Lactate: calcium lactate). Fatty acid composition data are expressed as percentage of the total fatty acids ± SD.

	Fatty acids composition (%)								
	<i>R. nomadica</i> JF-DW			<i>P. punctata</i> JF-DW			<i>C. tuberculata</i> JF-DW		
	JF-DW	Ca-Citrate	Ca-Lactate	JF-DW	Ca-Citrate	Ca-Lactate	JF-DW	Ca-Citrate	Ca-Lactate
<b>Saturated FA (SFA)</b>									
Myristic acid C <sub>14:0</sub>	6.6 ± 0.7	—	9.2 ± 0.2	10.5 ± 1.1	8.4 ± 0.8	7.7 ± 0.8	—	—	—
Pentadecanoic acid C <sub>15:0</sub>	—	—	—	2 ± 0.4	—	—	—	—	—
Palmitic acid C <sub>16:0</sub>	32.4 ± 4.0	44.2 ± 4.5	38.8 ± 0.4	28.3 ± 3.0	20.9 ± 2.0	20.1 ± 2.0	44.7 ± 4.5	43.2 ± 4.0	41.2 ± 3.3
Margaric acid C <sub>17:0</sub>	2.6 ± 0.2	1.6 ± 0.2	—	1.4 ± 0.2	2.5 ± 0.2	2.3 ± 0.2	—	—	—
Stearic acid C <sub>18:0</sub>	26.0 ± 3.9	37.6 ± 4.0	29.8 ± 2.8	15.2 ± 3.5	14.6 ± 1.5	14.2 ± 2.7	34.4 ± 4.0	38.8 ± 3.8	35.2 ± 3.4
Nonadecanoic acid C <sub>19:0</sub>	—	—	—	—	—	—	—	13.2 ± 1.3	—
Arachidic acid C <sub>20:0</sub>	2.2 ± 0.2	5.1 ± 0.5	1.4 ± 0.2	—	1.5 ± 0.2	1.2 ± 0.3	—	—	1.9 ± 0.2
<b>Total SFA</b>	<b>69.8 ± 7.0</b>	<b>88.5 ± 8.9</b>	<b>79.2 ± 8.0</b>	<b>57.3 ± 5.7</b>	<b>48.0 ± 4.8</b>	<b>45.5 ± 4.5</b>	<b>79.1 ± 8.1</b>	<b>95.2 ± 8.2</b>	<b>78.3 ± 7.8</b>
<b>Monounsaturated FA (MUFA)</b>									
Palmitoleic acid C <sub>16:1</sub> (ω7)	—	—	—	5.0 ± 0.5	4.4 ± 0.5	4.0 ± 0.4	—	—	—
Oleic acid C <sub>18:1</sub> (ω9)	3.1 ± 0.2	3.3 ± 0.4	3.7 ± 0.4	4.3 ± 0.3	4.8 ± 0.5	—	—	—	—
Isooleic acid C <sub>18:1</sub> trans-10	2.3 ± 0.4	—	1.2 ± 0.1	—	—	6.7 ± 0.3	—	—	8.6 ± 0.9
Vaccenic acid C <sub>18:1</sub> cis-11 (ω7)	—	—	—	1.5 ± 0.2	2.2 ± 0.2	—	—	—	—

<b>Total MUFA</b>	<b>5.4 ± 0.5</b>	<b>3.3 ± 0.4</b>	<b>4.9 ± 0.5</b>	<b>10.8 ± 0.3</b>	<b>11.4 ± 0.7</b>	<b>10.7 ± 0.3</b>	<b>0</b>	<b>0</b>	<b>8.6 ± 0.9</b>
<b>Polyunsaturated FA (PUFA)</b>									
<b>Linoleic acid C<sub>18:2</sub> (ω6)</b>	2.3 ± 0.3	—	6.9 ± 0.7	4.8 ± 0.5	2.9 ± 0.3	2.8 ± 0.3	—	—	—
<b>Isolinoleic acid C<sub>18:2 trans 8,11</sub></b>	—	—	—	—	—	—	—	—	11.1 ± 1.1
<b>Linolenic acid C<sub>18:3</sub> (ω3)</b>	2.7 ± 0.4	—	—	3.3 ± 0.3	4.2 ± 0.4	4.9 ± 0.5	—	—	—
<b>Stearidonic acid C<sub>18:4</sub> (ω3)</b>	2.0 ± 0.2	—	—	3.8 ± 0.4	4.2 ± 0.4	4.0 ± 0.4	7.5 ± 0.8	—	—
<b>Eicosadienoic acid C<sub>20:2</sub> (ω6)</b>	—	—	—	—	—	0.6 ± 0.2	—	—	—
<b>Arachidonic acid C<sub>20:4</sub> (ω6)</b>	7.4 ± 0.7	4.6 ± 0.5	5.0 ± 0.4	3.8 ± 0.4	7.9 ± 0.5	5.5 ± 0.6	4.4 ± 0.3	2.0 ± 0.1	2.0 ± 0.2
<b>Eicosapentaenoic acid C<sub>20:5</sub> (ω3)</b>	5.6 ± 0.6	1.5 ± 0.2	1.0 ± 0.5	8.5 ± 0.6	9.5 ± 0.8	13.2 ± 1.0	4.1 ± 0.3	1.9 ± 0.2	—
<b>Docosapentaenoic acid C<sub>22:5</sub> (ω3)</b>	0.9 ± 0.1	—	—	0.9 ± 0.1	1.6 ± 0.1	1.8 ± 0.2	—	—	—
<b>Docosaheptaenoic acid C<sub>22:6</sub> (ω3)</b>	4.2 ± 0.4	2.1 ± 0.2	3.0 ± 0.3	6.8 ± 0.6	10.2 ± 0.2	10.9 ± 1.1	5.0 ± 0.5	0.9 ± 0.1	—
<b>Total PUFA</b>	<b>25.0 ± 2.6</b>	<b>8.2 ± 0.8</b>	<b>15.9 ± 1.3</b>	<b>34.6 ± 3.2</b>	<b>40.6 ± 4.1</b>	<b>43.8 ± 4.4</b>	<b>20.9 ± 0.8</b>	<b>4.8 ± 0.5</b>	<b>13.1 ± 1.3</b>
<b>Σω6</b>	9.6	4.6	11.9	8.6	10.8	9.0	4.4	2	2
<b>Σω3</b>	15.4	3.7	4.0	23.2	29.8	34.8	16.5	2.7	-
<b>ω6/ω3</b>	0.6	1.2	3.0	0.4	0.4	0.3	0.3	0.7	-
<b>Total Lipids (%DW)</b>	26.5	72.0	68.6	83.8	56.5	72.4	29.0	12.5	4.0