

Title:

Fatty Acid Analysis of Nutritional Supplements

Prepared for:

PurOmega Nordic AS
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Compiled by:

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Contract number: 23-PURO-001

Date of report: 22/02/23

Company name:	PurOmega Nordic AS	Date sample received:	02/02/23
Customer contact name:	Henning Sæter	Date report prepared:	22/02/23
Contract number:	23-PURO-001	No. of samples:	17
P.O. number:	-	Sample type:	Supplements
Analysis performed:			
	Fatty Acid Profile	Date of test:	09/02/23
		Date of test:	
		Date of test:	
		Date of test:	
		Date of test:	
Methods used:			
	LM033.R00		
Report prepared by:			
	Miriam Molina Moreno		

Sample condition (detail any non-conformance): _____

Name of approver: Fiona Strachan

Signature:

Fiona Strachan

(Quality Manager)

Date: 22 February 2023

RESULTS

CAPSULE OIL CONTENT

SAMPLE ID	Oil Weight (g.capsule⁻¹)
PurOmega 95%	0.99

Above values based on the average of 5 individual capsules

**Fatty acid composition (% total fatty acids, mg FA.100g⁻¹ Oil and mg FA. Capsule⁻¹) of total lipid from
Nutritional Supplements**

Fatty acid	PurOmega 95%		
	%	mg. 100g ⁻¹ Oil	mg. capsule ⁻¹
14:0	<LOQ	<LOQ	<LOQ
15:0	<LOQ	<LOQ	<LOQ
16:0	0.18	161.00	1.59
18:0	0.10	91.00	0.90
20:0	<LOQ	<LOQ	<LOQ
22:0	<LOQ	<LOQ	<LOQ
24:0	<LOQ	<LOQ	<LOQ
Total saturated	0.28	252.00	2.49
16:1n-9	<LOQ	<LOQ	<LOQ
16:1n-7	0.14	125.00	1.24
18:1n-9	0.13	118.00	1.17
18:1n-7	<LOQ	<LOQ	<LOQ
20:1n-11	<LOQ	<LOQ	<LOQ
20:1n-9	<LOQ	<LOQ	<LOQ
20:1n-7	<LOQ	<LOQ	<LOQ
22:1n-11	0.08	74.00	0.73
22:1n-9	<LOQ	<LOQ	<LOQ
24:1n-9	<LOQ	<LOQ	<LOQ
Total monounsaturated	0.36	317.00	3.14
18:2n-6	0.06	53.00	0.52
18:3n-6	<LOQ	<LOQ	<LOQ
20:2n-6	<LOQ	<LOQ	<LOQ
20:3n-6	0.09	78.00	0.77
20:4n-6	0.23	20<LOQ	1.98
22:4n-6	<LOQ	<LOQ	<LOQ
22:5n-6	<LOQ	<LOQ	<LOQ
Total n-6 PUFA	0.37	331.00	3.28
18:3n-3	<LOQ	<LOQ	<LOQ
18:4n-3	0.39	345.00	3.42
20:3n-3	<LOQ	<LOQ	<LOQ
20:4n-3	0.28	245.00	2.43
20:5n-3	50.74	44905.00	444.56
21:5n-3	2.20	1946.00	19.27
22:5n-3	2.89	2559.00	25.33
22:6n-3	42.30	37433.00	370.59
Total n-3 PUFA	98.80	87433.00	865.59
16:2	<LOQ	<LOQ	<LOQ
16:3	0.07	59.00	0.58
16:4	0.12	103.00	1.02
	0.18	162.00	1.60
Total PUFA	99.36	87926.00	870.47
Total	100.00	88495.00	876.10

mg.capsule based on calculated oil weight in capsule

Limit of quantification (LOQ) for fatty acid analysis is 0.06%

CAPSULE OIL CONTENT

SAMPLE ID	Oil Weight (g.capsule⁻¹)
Berit Omega 3 Trankapsler	0.96

Above values based on the average of 5 individual capsules

Fatty acid composition (% total fatty acids, mg FA.100g⁻¹ Oil and mg FA.Capsule⁻¹) of total lipid from Nutritional Supplements

Fatty acid	%	Berit Omega 3 Trankapsler	
		mg. 100g ⁻¹ Oil	mg. capsule ⁻¹
14:0	4.05	3423.00	32.86
15:0	0.37	316.00	3.03
16:0	10.61	8961.00	86.03
18:0	2.19	1852.00	17.78
20:0	0.09	8<LOQ	0.77
22:0	<LOQ	<LOQ	<LOQ
24:0	<LOQ	<LOQ	<LOQ
Total saturated	17.33	14632.00	140.47
16:1n-9	0.31	264.00	2.53
16:1n-7	7.30	6161.00	59.15
18:1n-9	15.87	13402.00	128.66
18:1n-7	3.90	3291.00	31.59
20:1n-11	1.03	873.00	8.38
20:1n-9	12.01	10139.00	97.33
20:1n-7	0.45	382.00	3.67
22:1n-11	10.28	8682.00	83.35
22:1n-9	0.96	807.00	7.75
24:1n-9	0.54	456.00	4.38
Total monounsaturated	52.64	44457.00	426.79
18:2n-6	1.84	1552.00	14.90
18:3n-6	0.16	132.00	1.27
20:2n-6	0.33	28<LOQ	2.69
20:3n-6	0.09	76.00	0.73
20:4n-6	0.42	357.00	3.43
22:4n-6	0.08	66.00	0.63
22:5n-6	0.13	111.00	1.07
Total n-6 PUFA	3.05	2574.00	24.71
18:3n-3	1.04	879.00	8.44
18:4n-3	2.83	2389.00	22.93
20:3n-3	0.18	149.00	1.43
20:4n-3	0.71	603.00	5.79
20:5n-3	8.32	7028.00	67.47
21:5n-3	0.45	378.00	3.63
22:5n-3	1.09	921.00	8.84
22:6n-3	11.38	9607.00	92.23
Total n-3 PUFA	26.00	21954.00	210.76
16:2	0.42	355.00	3.41
16:3	0.24	201.00	1.93
16:4	0.32	274.00	2.63
	0.98	83<LOQ	7.97
Total PUFA	30.03	25358.00	243.44
Total	100.00	84447.00	810.69

mg.capsule based on calculated oil weight in capsule

Limit of quantification (LOQ) for fatty acid analysis is 0.06%

CAPSULE OIL CONTENT

SAMPLE ID	Oil Weight (g.capsule⁻¹)
Mollers Pharma Høykonsentrert Omega-3	0.86

Above values based on the average of 5 individual capsules

Fatty acid composition (% total fatty acids, mg FA.100g⁻¹ Oil and mg FA.Capsule⁻¹) of total lipid from Nutritional Supplements

Fatty acid	Mollers Pharma Høykonsentrert Omega-3		
	%	mg. 100g ⁻¹ Oil	mg. capsule ⁻¹
14:0	0.11	91.00	0.78
15:0	0.12	102.00	0.88
16:0	1.98	1705.00	14.66
18:0	3.93	3383.00	29.09
20:0	0.60	519.00	4.46
22:0	0.39	335.00	2.88
24:0	0.12	103.00	0.89
Total saturated	7.25	6238.00	53.65
16:1n-9	<LOQ	<LOQ	<LOQ
16:1n-7	0.74	635.00	5.46
18:1n-9	5.79	4983.00	42.85
18:1n-7	2.85	2454.00	21.10
20:1n-11	0.35	304.00	2.61
20:1n-9	2.30	1975.00	16.99
20:1n-7	0.82	709.00	6.10
22:1n-11	2.99	257<LOQ	22.10
22:1n-9	0.65	559.00	4.81
24:1n-9	0.79	679.00	5.84
Total monounsaturated	17.28	14868.00	127.86
18:2n-6	1.06	91<LOQ	7.83
18:3n-6	0.23	194.00	1.67
20:2n-6	0.38	329.00	2.83
20:3n-6	0.38	331.00	2.85
20:4n-6	2.00	1717.00	14.77
22:4n-6	0.26	225.00	1.94
22:5n-6	0.83	718.00	6.17
Total n-6 PUFA	5.14	4424.00	38.05
18:3n-3	0.63	54<LOQ	4.64
18:4n-3	2.20	1894.00	16.29
20:3n-3	0.22	192.00	1.65
20:4n-3	1.73	149<LOQ	12.81
20:5n-3	34.68	2984<LOQ	256.62
21:5n-3	1.89	1628.00	14.00
22:5n-3	4.75	4083.00	35.11
22:6n-3	23.78	20459.00	175.95
Total n-3 PUFA	69.89	60126.00	517.08
16:2	0.12	101.00	0.87
16:3	0.11	94.00	0.81
16:4	0.21	182.00	1.57
	0.44	377.00	3.24
Total PUFA	75.47	64927.00	558.37
Total	100.00	86033.00	739.88

mg.capsule based on calculated oil weight in capsule

Limit of quantification (LOQ) for fatty acid analysis is 0.06%

CAPSULE OIL CONTENT

SAMPLE ID	Oil Weight (g.capsule⁻¹)
New Omega, Høykonsentrert Omega-3	0.50

Above values based on the average of 5 individual capsules

Fatty acid composition (% total fatty acids, mg FA.100g⁻¹ Oil and mg FA.Capsule⁻¹) of total lipid from Nutritional Supplements

Fatty acid	New Omega, Høykonsentrert Omega-3		
	%	mg. 100g ⁻¹ Oil	mg. capsule ⁻¹
14:0	0.13	115.00	0.58
15:0	0.09	77.00	0.39
16:0	0.37	318.00	1.59
18:0	0.21	18<LOQ	0.90
20:0	0.76	648.00	3.24
22:0	0.31	262.00	1.31
24:0	0.36	31<LOQ	1.55
Total saturated	2.24	191<LOQ	9.55
16:1n-9	<LOQ	<LOQ	<LOQ
16:1n-7	0.39	334.00	1.67
18:1n-9	0.38	327.00	1.64
18:1n-7	0.11	97.00	0.49
20:1n-11	0.23	195.00	0.98
20:1n-9	2.35	200<LOQ	1<LOQ
20:1n-7	1.12	951.00	4.76
22:1n-11	2.22	189<LOQ	9.45
22:1n-9	0.85	721.00	3.61
24:1n-9	0.71	607.00	3.04
Total monounsaturated	8.36	7122.00	35.61
18:2n-6	0.07	62.00	0.31
18:3n-6	<LOQ	<LOQ	<LOQ
20:2n-6	0.38	325.00	1.63
20:3n-6	0.40	341.00	1.71
20:4n-6	1.59	1352.00	6.76
22:4n-6	0.50	426.00	2.13
22:5n-6	1.50	1282.00	6.41
Total n-6 PUFA	4.45	3788.00	18.94
18:3n-3	<LOQ	<LOQ	<LOQ
18:4n-3	0.10	89.00	0.45
20:3n-3	0.26	219.00	1.10
20:4n-3	1.94	165<LOQ	8.25
20:5n-3	36.13	3078<LOQ	153.90
21:5n-3	4.77	4062.00	20.31
22:5n-3	10.41	8867.00	44.34
22:6n-3	31.08	26483.00	132.42
Total n-3 PUFA	84.69	7215<LOQ	360.75
16:2	0.06	48.00	0.24
16:3	0.09	79.00	0.40
16:4	0.12	101.00	0.51
	0.27	228.00	1.14
Total PUFA	89.40	76166.00	380.83
Total	100.00	85198.00	425.99

mg.capsule based on calculated oil weight in capsule

Limit of quantification (LOQ) for fatty acid analysis is 0.06%

CAPSULE OIL CONTENT

SAMPLE ID	Oil Weight (g.capsule⁻¹)
Nycoplus Høykonsentrert Omega-3	1.00

Above values based on the average of 5 individual capsules

Fatty acid composition (% total fatty acids, mg FA.100g⁻¹ Oil and mg FA.Capsule⁻¹) of total lipid from Nutritional Supplements

Fatty acid	Nycoplus Høykonsentrert Omega-3		
	%	mg. 100g ⁻¹ Oil	mg. capsule ⁻¹
14:0	0.08	72.00	0.72
15:0	0.12	103.00	1.03
16:0	0.59	504.00	5.04
18:0	4.52	3866.00	38.66
20:0	0.75	643.00	6.43
22:0	0.40	342.00	3.42
24:0	0.12	99.00	0.99
Total saturated	6.59	5629.00	56.29
16:1n-9	<LOQ	<LOQ	<LOQ
16:1n-7	0.33	282.00	2.82
18:1n-9	9.21	7876.00	78.76
18:1n-7	3.11	2657.00	26.57
20:1n-11	0.24	207.00	2.07
20:1n-9	1.87	1597.00	15.97
20:1n-7	0.68	577.00	5.77
22:1n-11	0.68	581.00	5.81
22:1n-9	0.45	388.00	3.88
24:1n-9	0.73	623.00	6.23
Total monounsaturated	17.30	14788.00	147.88
18:2n-6	1.17	1001.00	10.01
18:3n-6	0.19	166.00	1.66
20:2n-6	0.46	394.00	3.94
20:3n-6	0.42	36<LOQ	3.60
20:4n-6	2.43	2077.00	20.77
22:4n-6	0.23	20<LOQ	2.00
22:5n-6	0.77	658.00	6.58
Total n-6 PUFA	5.68	4856.00	48.56
18:3n-3	0.80	683.00	6.83
18:4n-3	1.86	1588.00	15.88
20:3n-3	0.27	234.00	2.34
20:4n-3	1.63	1391.00	13.91
20:5n-3	37.29	3187<LOQ	318.70
21:5n-3	1.56	1331.00	13.31
22:5n-3	3.62	3097.00	30.97
22:6n-3	23.31	19925.00	199.25
Total n-3 PUFA	70.33	60119.00	601.19
16:2	<LOQ	<LOQ	<LOQ
16:3	<LOQ	<LOQ	<LOQ
16:4	0.10	84.00	0.84
Total PUFA	76.11	65059.00	650.59
Total	100.00	85476.00	854.76

mg.capsule based on calculated oil weight in capsule

Limit of quantification (LOQ) for fatty acid analysis is 0.06%

CAPSULE OIL CONTENT

SAMPLE ID	Oil Weight (g.capsule⁻¹)
Vesteralen's Omega-3 Classic	0.55

Above values based on the average of 5 individual capsules

Fatty acid composition (% total fatty acids, mg FA.100g⁻¹ Oil and mg FA.Capsule⁻¹) of total lipid from Nutritional Supplements

Fatty acid	%	Vesteralen's Omega-3 mg. 100g ⁻¹ Oil	Classic mg. capsule ⁻¹
14:0	0.11	92.00	0.51
15:0	0.09	81.00	0.45
16:0	1.37	1181.00	6.50
18:0	3.30	2845.00	15.65
20:0	0.56	482.00	2.65
22:0	0.25	217.00	1.19
24:0	0.13	113.00	0.62
Total saturated	5.81	5011.00	27.56
16:1n-9	<LOQ	<LOQ	<LOQ
16:1n-7	0.68	585.00	3.22
18:1n-9	6.07	5238.00	28.81
18:1n-7	2.31	1992.00	10.96
20:1n-11	0.22	191.00	1.05
20:1n-9	1.84	159<LOQ	8.75
20:1n-7	0.77	666.00	3.66
22:1n-11	0.85	737.00	4.05
22:1n-9	0.44	383.00	2.11
24:1n-9	0.46	401.00	2.21
Total monounsaturated	13.66	11783.00	64.81
18:2n-6	1.03	891.00	4.90
18:3n-6	0.18	155.00	0.85
20:2n-6	0.38	328.00	1.80
20:3n-6	0.39	338.00	1.86
20:4n-6	2.10	1813.00	9.97
22:4n-6	0.23	202.00	1.11
22:5n-6	0.84	728.00	4.00
Total n-6 PUFA	5.16	4455.00	24.50
18:3n-3	0.56	484.00	2.66
18:4n-3	1.90	1635.00	8.99
20:3n-3	0.22	19<LOQ	1.05
20:4n-3	1.62	1399.00	7.69
20:5n-3	39.11	33735.00	185.54
21:5n-3	1.92	1659.00	9.12
22:5n-3	4.33	3735.00	20.54
22:6n-3	25.23	21762.00	119.69
Total n-3 PUFA	74.89	64599.00	355.29
16:2	0.11	93.00	0.51
16:3	0.14	119.00	0.65
16:4	0.24	204.00	1.12
	0.48	416.00	2.29
Total PUFA	80.53	6947<LOQ	382.09
Total	100.00	86264.00	474.45

mg.capsule based on calculated oil weight in capsule

Limit of quantification (LOQ) for fatty acid analysis is 0.06%

CAPSULE OIL CONTENT

SAMPLE ID	Oil Weight (g.capsule⁻¹)
Mollers, Konsentrrert Omega-3	0.59

Above values based on the average of 5 individual capsules

Fatty acid composition (% total fatty acids, mg FA.100g⁻¹ Oil and mg FA.Capsule⁻¹) of total lipid from Nutritional Supplements

Fatty acid	Mollers, Konsentrert Omega-3		
	%	mg. 100g ⁻¹ Oil	mg. capsule ⁻¹
14:0	2.95	2512.00	14.82
15:0	0.34	286.00	1.69
16:0	8.40	7153.00	42.20
18:0	3.43	2918.00	17.22
20:0	0.45	38<LOQ	2.24
22:0	0.37	318.00	1.88
24:0	0.17	142.00	0.84
Total saturated	16.10	13709.00	80.88
16:1n-9	0.10	86.00	0.51
16:1n-7	4.41	3758.00	22.17
18:1n-9	6.88	5855.00	34.54
18:1n-7	2.90	2473.00	14.59
20:1n-11	0.27	226.00	1.33
20:1n-9	2.31	1969.00	11.62
20:1n-7	0.63	539.00	3.18
22:1n-11	1.86	1587.00	9.36
22:1n-9	0.52	443.00	2.61
24:1n-9	0.87	741.00	4.37
Total monounsaturated	20.76	17677.00	104.29
18:2n-6	1.05	897.00	5.29
18:3n-6	0.24	208.00	1.23
20:2n-6	0.31	264.00	1.56
20:3n-6	0.31	266.00	1.57
20:4n-6	1.50	1281.00	7.56
22:4n-6	0.22	191.00	1.13
22:5n-6	0.65	55<LOQ	3.25
Total n-6 PUFA	4.29	3657.00	21.58
18:3n-3	0.67	571.00	3.37
18:4n-3	2.35	2005.00	11.83
20:3n-3	0.20	169.00	1.00
20:4n-3	1.30	1103.00	6.51
20:5n-3	26.07	22204.00	131.00
21:5n-3	1.40	1195.00	7.05
22:5n-3	3.65	3108.00	18.34
22:6n-3	20.76	17679.00	104.31
Total n-3 PUFA	56.40	48034.00	283.40
16:2	0.59	503.00	2.97
16:3	0.71	606.00	3.58
16:4	1.14	974.00	5.75
	2.45	2083.00	12.29
Total PUFA	63.14	53774.00	317.27
Total	100.00	8516<LOQ	502.44

mg.capsule based on calculated oil weight in capsule

Limit of quantification (LOQ) for fatty acid analysis is 0.06%

CAPSULE OIL CONTENT

SAMPLE ID	Oil Weight (g.capsule⁻¹)
Biopharma Hoykonsentrert Omega-3 90%	0.38

Above values based on the average of 5 individual capsules

Fatty acid composition (% total fatty acids, mg FA.100g⁻¹ Oil and mg FA.Capsule⁻¹) of total lipid from Nutritional Supplements

Fatty acid	Biopharma Hoykonsentrent Omega-3 90%		
	%	mg. 100g ⁻¹ Oil	mg. capsule ⁻¹
14:0	<LOQ	<LOQ	<LOQ
15:0	0.08	71.00	0.27
16:0	0.13	117.00	0.44
18:0	0.14	128.00	0.49
20:0	<LOQ	<LOQ	<LOQ
22:0	<LOQ	<LOQ	<LOQ
24:0	0.20	177.00	0.67
Total saturated	0.56	493.00	1.87
16:1n-9	<LOQ	<LOQ	<LOQ
16:1n-7	<LOQ	<LOQ	<LOQ
18:1n-9	0.33	29<LOQ	1.10
18:1n-7	<LOQ	<LOQ	<LOQ
20:1n-11	<LOQ	<LOQ	<LOQ
20:1n-9	0.13	117.00	0.44
20:1n-7	<LOQ	<LOQ	<LOQ
22:1n-11	0.16	143.00	0.54
22:1n-9	<LOQ	<LOQ	<LOQ
24:1n-9	0.35	311.00	1.18
Total monounsaturated	0.97	861.00	3.27
18:2n-6	0.31	276.00	1.05
18:3n-6	<LOQ	<LOQ	<LOQ
20:2n-6	<LOQ	<LOQ	<LOQ
20:3n-6	0.07	58.00	0.22
20:4n-6	0.31	279.00	1.06
22:4n-6	<LOQ	<LOQ	<LOQ
22:5n-6	0.95	845.00	3.21
Total n-6 PUFA	1.64	1458.00	5.54
18:3n-3	<LOQ	<LOQ	<LOQ
18:4n-3	0.38	337.00	1.28
20:3n-3	<LOQ	<LOQ	<LOQ
20:4n-3	0.32	284.00	1.08
20:5n-3	14.50	12875.00	48.93
21:5n-3	0.86	763.00	2.90
22:5n-3	3.63	3225.00	12.26
22:6n-3	77.14	68469.00	260.18
Total n-3 PUFA	96.83	85953.00	326.62
16:2	<LOQ	<LOQ	<LOQ
16:3	<LOQ	<LOQ	<LOQ
16:4	<LOQ	<LOQ	<LOQ
	<LOQ	<LOQ	<LOQ
Total PUFA	98.47	87411.00	332.16
Total	100.00	88765.00	337.31

mg.capsule based on calculated oil weight in capsule

Limit of quantification (LOQ) for fatty acid analysis is 0.06%

CAPSULE OIL CONTENT

SAMPLE ID	Oil Weight (g.capsule⁻¹)
Easy Choice Omega-3 Premiun 80%	1.00

Above values based on the average of 5 individual capsules

Fatty acid composition (% total fatty acids, mg FA.100g⁻¹ Oil and mg FA.Capsule⁻¹) of total lipid from Nutritional Supplements

Fatty acid	Easy Choice Omega-3 Premium 80%		
	%	mg. 100g ⁻¹ Oil	mg. capsule ⁻¹
14:0	<LOQ	<LOQ	<LOQ
15:0	0.12	104.00	1.04
16:0	0.69	598.00	5.98
18:0	0.92	791.00	7.91
20:0	0.14	123.00	1.23
22:0	0.12	100.00	1.00
24:0	0.14	121.00	1.21
Total saturated	2.13	1837.00	18.37
16:1n-9	<LOQ	<LOQ	<LOQ
16:1n-7	0.34	293.00	2.93
18:1n-9	3.08	2655.00	26.55
18:1n-7	0.86	742.00	7.42
20:1n-11	0.10	87.00	0.87
20:1n-9	0.59	506.00	5.06
20:1n-7	0.22	194.00	1.94
22:1n-11	0.31	268.00	2.68
22:1n-9	0.15	13<LOQ	1.30
24:1n-9	<LOQ	<LOQ	<LOQ
Total monounsaturated	5.65	4875.00	48.75
18:2n-6	1.49	1282.00	12.82
18:3n-6	0.21	18<LOQ	1.80
20:2n-6	0.17	146.00	1.46
20:3n-6	0.35	301.00	3.01
20:4n-6	2.35	2025.00	20.25
22:4n-6	0.22	186.00	1.86
22:5n-6	1.06	916.00	9.16
Total n-6 PUFA	5.84	5036.00	50.36
18:3n-3	0.46	401.00	4.01
18:4n-3	2.29	1976.00	19.76
20:3n-3	0.12	107.00	1.07
20:4n-3	1.31	1128.00	11.28
20:5n-3	43.83	37797.00	377.97
21:5n-3	2.18	1878.00	18.78
22:5n-3	3.92	3379.00	33.79
22:6n-3	31.79	27419.00	274.19
Total n-3 PUFA	85.91	74085.00	740.85
16:2	0.07	6<LOQ	0.60
16:3	0.14	124.00	1.24
16:4	0.26	222.00	2.22
	0.47	406.00	4.06
Total PUFA	92.22	79527.00	795.27
Total	100.00	86239.00	862.39

mg.capsule based on calculated oil weight in capsule

Limit of quantification (LOQ) for fatty acid analysis is 0.06%

CAPSULE OIL CONTENT

SAMPLE ID	Oil Weight (g.capsule⁻¹)
ROMEGA Ekstrakt Fra Silderogn	0.53

Above values based on the average of 5 individual capsules

Fatty acid composition (% total fatty acids, mg FA.100g⁻¹ Oil and mg FA.Capsule⁻¹) of total lipid from Nutritional Supplements

Fatty acid	ROMEGA Ekstrakt Fra Silderogn		
	%	mg. 100g ⁻¹ Oil	mg. capsule ⁻¹
14:0	1.16	97<LOQ	5.14
15:0	0.33	275.00	1.46
16:0	7.10	5924.00	31.40
18:0	0.85	706.00	3.74
20:0	0.51	427.00	2.26
22:0	0.49	407.00	2.16
24:0	0.12	104.00	0.55
Total saturated	10.56	8813.00	46.71
16:1n-9	0.21	176.00	0.93
16:1n-7	1.84	154<LOQ	8.16
18:1n-9	4.31	3602.00	19.09
18:1n-7	1.48	1239.00	6.57
20:1n-11	0.21	178.00	0.94
20:1n-9	2.06	1722.00	9.13
20:1n-7	0.49	41<LOQ	2.17
22:1n-11	3.11	2596.00	13.76
22:1n-9	0.82	681.00	3.61
24:1n-9	0.92	77<LOQ	4.08
Total monounsaturated	15.47	12914.00	68.44
18:2n-6	0.58	485.00	2.57
18:3n-6	0.07	62.00	0.33
20:2n-6	0.27	226.00	1.20
20:3n-6	0.18	151.00	0.80
20:4n-6	0.78	651.00	3.45
22:4n-6	0.31	261.00	1.38
22:5n-6	1.09	914.00	4.84
Total n-6 PUFA	3.29	275<LOQ	14.58
18:3n-3	0.46	381.00	2.02
18:4n-3	0.61	508.00	2.69
20:3n-3	0.23	195.00	1.03
20:4n-3	1.07	89<LOQ	4.72
20:5n-3	15.31	1278<LOQ	67.73
21:5n-3	1.73	1447.00	7.67
22:5n-3	6.59	5505.00	29.18
22:6n-3	44.41	37072.00	196.48
Total n-3 PUFA	70.41	58778.00	311.52
16:2	0.10	84.00	0.45
16:3	0.08	63.00	0.33
16:4	0.09	79.00	0.42
	0.27	226.00	1.20
Total PUFA	73.97	61754.00	327.30
Total	100.00	83481.00	442.45

mg.capsule based on calculated oil weight in capsule

Limit of quantification (LOQ) for fatty acid analysis is 0.06%

CAPSULE OIL CONTENT

SAMPLE ID	Oil Weight (g.capsule⁻¹)
NFO Omega-3 Ultima 990 mg EPA+DHA	1.30

Above values based on the average of 5 individual capsules

Fatty acid composition (% total fatty acids, mg FA.100g⁻¹ Oil and mg FA.Capsule⁻¹) of total lipid from Nutritional Supplements

Fatty acid	NFO Omega-3 %	Ultima 990 mg mg. 100g ⁻¹ Oil	EPA+DHA mg. capsule ⁻¹
14:0	0.07	61.00	0.79
15:0	0.11	96.00	1.25
16:0	0.33	289.00	3.76
18:0	0.23	201.00	2.61
20:0	<LOQ	<LOQ	<LOQ
22:0	0.08	72.00	0.94
24:0	0.08	69.00	0.90
Total saturated	0.89	788.00	10.24
16:1n-9	<LOQ	<LOQ	<LOQ
16:1n-7	0.23	204.00	2.65
18:1n-9	0.42	373.00	4.85
18:1n-7	0.13	116.00	1.51
20:1n-11	<LOQ	<LOQ	<LOQ
20:1n-9	0.19	172.00	2.24
20:1n-7	0.06	57.00	0.74
22:1n-11	0.20	18<LOQ	2.34
22:1n-9	0.06	56.00	0.73
24:1n-9	<LOQ	<LOQ	<LOQ
Total monounsaturated	1.30	1158.00	15.05
18:2n-6	0.16	141.00	1.83
18:3n-6	<LOQ	<LOQ	<LOQ
20:2n-6	0.17	153.00	1.99
20:3n-6	0.41	36<LOQ	4.68
20:4n-6	2.68	2379.00	30.93
22:4n-6	0.25	226.00	2.94
22:5n-6	1.19	1055.00	13.72
Total n-6 PUFA	4.86	4314.00	56.08
18:3n-3	0.08	7<LOQ	0.91
18:4n-3	0.17	154.00	2.00
20:3n-3	0.12	108.00	1.40
20:4n-3	1.83	1627.00	21.15
20:5n-3	47.26	4198<LOQ	545.74
21:5n-3	2.02	179<LOQ	23.27
22:5n-3	5.38	4782.00	62.17
22:6n-3	35.96	31941.00	415.23
Total n-3 PUFA	92.83	82452.00	1071.88
16:2	<LOQ	<LOQ	<LOQ
16:3	0.05	47.00	0.61
16:4	0.07	64.00	0.83
	0.12	111.00	1.44
Total PUFA	97.81	86877.00	1129.40
Total	100.00	88823.00	1154.70

mg.capsule based on calculated oil weight in capsule

Limit of quantification (LOQ) for fatty acid analysis is 0.06%

CAPSULE OIL CONTENT

SAMPLE ID	Oil Weight (g.capsule⁻¹)
Life Omega-3 70 % Hoykonsentret	1.00

Above values based on the average of 5 individual capsules

Fatty acid composition (% total fatty acids, mg FA.100g⁻¹ Oil and mg FA.Capsule⁻¹) of total lipid from Nutritional Supplements

Fatty acid	Life Omega-3 70 % Hoykonsentret		
	%	mg. 100g ⁻¹ Oil	mg. capsule ⁻¹
14:0	0.10	82.00	0.82
15:0	0.09	81.00	0.81
16:0	2.18	1861.00	18.61
18:0	3.57	3056.00	30.56
20:0	0.51	437.00	4.37
22:0	0.38	323.00	3.23
24:0	0.16	135.00	1.35
Total saturated	6.98	5975.00	59.75
16:1n-9	<LOQ	<LOQ	<LOQ
16:1n-7	1.16	992.00	9.92
18:1n-9	6.85	5856.00	58.56
18:1n-7	2.68	2297.00	22.97
20:1n-11	0.20	172.00	1.72
20:1n-9	1.80	1539.00	15.39
20:1n-7	0.76	646.00	6.46
22:1n-11	1.00	859.00	8.59
22:1n-9	0.55	47<LOQ	4.70
24:1n-9	0.76	647.00	6.47
Total monounsaturated	15.75	13478.00	134.78
18:2n-6	0.88	756.00	7.56
18:3n-6	0.21	18<LOQ	1.80
20:2n-6	0.35	30<LOQ	3.00
20:3n-6	0.36	309.00	3.09
20:4n-6	1.95	1671.00	16.71
22:4n-6	<LOQ	<LOQ	<LOQ
22:5n-6	0.87	745.00	7.45
Total n-6 PUFA	4.63	3961.00	39.61
18:3n-3	0.59	508.00	5.08
18:4n-3	2.03	1734.00	17.34
20:3n-3	0.21	183.00	1.83
20:4n-3	1.52	130<LOQ	13.00
20:5n-3	35.17	3009<LOQ	300.90
21:5n-3	1.90	1623.00	16.23
22:5n-3	5.00	4281.00	42.81
22:6n-3	25.43	21758.00	217.58
Total n-3 PUFA	71.86	61477.00	614.77
16:2	0.18	151.00	1.51
16:3	0.21	177.00	1.77
16:4	0.39	332.00	3.32
	0.77	66<LOQ	6.60
Total PUFA	77.26	66098.00	660.98
Total	100.00	85551.00	855.51

mg.capsule based on calculated oil weight in capsule

Limit of quantification (LOQ) for fatty acid analysis is 0.06%

CAPSULE OIL CONTENT

SAMPLE ID	Oil Weight (g.capsule⁻¹)
BioPharma Trippel Omega-3	0.49

Above values based on the average of 5 individual capsules

Fatty acid composition (% total fatty acids, mg FA.100g⁻¹ Oil and mg FA.Capsule⁻¹) of total lipid from Nutritional Supplements

Fatty acid	BioPharma Trippel Omega-3		
	%	mg. 100g ⁻¹ Oil	mg. capsule ⁻¹
14:0	0.08	65.00	0.32
15:0	0.15	131.00	0.64
16:0	2.08	1792.00	8.78
18:0	4.09	3523.00	17.26
20:0	0.52	446.00	2.19
22:0	0.34	291.00	1.43
24:0	0.14	119.00	0.58
Total saturated	7.40	6367.00	31.20
16:1n-9	<LOQ	<LOQ	<LOQ
16:1n-7	0.71	615.00	3.01
18:1n-9	7.50	6461.00	31.66
18:1n-7	2.86	2459.00	12.05
20:1n-11	0.17	147.00	0.72
20:1n-9	1.86	1603.00	7.85
20:1n-7	0.68	586.00	2.87
22:1n-11	0.97	839.00	4.11
22:1n-9	0.50	434.00	2.13
24:1n-9	0.98	845.00	4.14
Total monounsaturated	16.25	13989.00	68.55
18:2n-6	0.96	825.00	4.04
18:3n-6	0.21	184.00	0.90
20:2n-6	0.34	294.00	1.44
20:3n-6	0.34	296.00	1.45
20:4n-6	1.78	1536.00	7.53
22:4n-6	0.25	214.00	1.05
22:5n-6	0.84	725.00	3.55
Total n-6 PUFA	4.73	4074.00	19.96
18:3n-3	0.69	595.00	2.92
18:4n-3	2.05	1766.00	8.65
20:3n-3	0.21	18<LOQ	0.88
20:4n-3	1.43	1231.00	6.03
20:5n-3	33.95	29233.00	143.24
21:5n-3	1.80	1546.00	7.58
22:5n-3	4.70	405<LOQ	19.85
22:6n-3	26.33	22672.00	111.09
Total n-3 PUFA	71.17	61273.00	300.24
16:2	0.11	98.00	0.48
16:3	0.11	97.00	0.48
16:4	0.23	197.00	0.97
	0.46	392.00	1.92
Total PUFA	76.36	65739.00	322.12
Total	100.00	86095.00	421.87

mg.capsule based on calculated oil weight in capsule

Limit of quantification (LOQ) for fatty acid analysis is 0.06%

CAPSULE OIL CONTENT

SAMPLE ID	Oil Weight (g.capsule⁻¹)
Sunkost Omega 3	1.01

Above values based on the average of 5 individual capsules

Fatty acid composition (% total fatty acids, mg FA.100g⁻¹ Oil and mg FA.Capsule⁻¹) of total lipid from Nutritional Supplements

Fatty acid	%	Sunkost Omega 3	
		mg. 100g ⁻¹ Oil	mg. capsule ⁻¹
14:0	0.29	252.00	2.55
15:0	0.10	82.00	0.83
16:0	0.99	856.00	8.65
18:0	3.66	3158.00	31.90
20:0	0.79	684.00	6.91
22:0	0.35	302.00	3.05
24:0	<LOQ	<LOQ	<LOQ
Total saturated	6.19	5334.00	53.87
16:1n-9	<LOQ	<LOQ	<LOQ
16:1n-7	0.35	305.00	3.08
18:1n-9	5.43	4683.00	47.30
18:1n-7	1.93	166<LOQ	16.77
20:1n-11	0.26	221.00	2.23
20:1n-9	2.49	2144.00	21.65
20:1n-7	0.87	753.00	7.61
22:1n-11	1.15	987.00	9.97
22:1n-9	0.47	409.00	4.13
24:1n-9	0.43	368.00	3.72
Total monounsaturated	13.38	1153<LOQ	116.45
18:2n-6	0.68	585.00	5.91
18:3n-6	0.11	97.00	0.98
20:2n-6	0.43	374.00	3.78
20:3n-6	0.43	371.00	3.75
20:4n-6	2.16	1859.00	18.78
22:4n-6	0.22	186.00	1.88
22:5n-6	0.77	666.00	6.73
Total n-6 PUFA	4.80	4138.00	41.79
18:3n-3	0.52	444.00	4.48
18:4n-3	1.20	1034.00	10.44
20:3n-3	0.28	242.00	2.44
20:4n-3	1.90	1641.00	16.57
20:5n-3	41.55	35811.00	361.69
21:5n-3	1.98	1705.00	17.22
22:5n-3	4.10	3534.00	35.69
22:6n-3	23.94	20632.00	208.38
Total n-3 PUFA	75.47	65043.00	656.93
16:2	<LOQ	<LOQ	<LOQ
16:3	0.06	5<LOQ	0.51
16:4	0.11	93.00	0.94
	0.17	143.00	1.44
Total PUFA	80.43	69324.00	700.17
Total	100.00	86188.00	870.50

mg.capsule based on calculated oil weight in capsule

Limit of quantification (LOQ) for fatty acid analysis is 0.06%

CAPSULE OIL CONTENT

SAMPLE ID	Oil Weight (g.capsule⁻¹)
Pikasol Høykonsentrert Omega-3	1.00

Above values based on the average of 5 individual capsules

Fatty acid composition (% total fatty acids, mg FA.100g⁻¹ Oil and mg FA.Capsule⁻¹) of total lipid from Nutritional Supplements

Fatty acid	Pikasol Høykonsentrert Omega-3		
	%	mg. 100g ⁻¹ Oil	mg. capsule ⁻¹
14:0	0.13	112.00	1.12
15:0	0.09	78.00	0.78
16:0	2.17	1876.00	18.76
18:0	4.02	3474.00	34.74
20:0	0.59	51<LOQ	5.10
22:0	0.38	324.00	3.24
24:0	0.11	95.00	0.95
Total saturated	7.49	6469.00	64.69
16:1n-9	<LOQ	<LOQ	<LOQ
16:1n-7	0.83	718.00	7.18
18:1n-9	6.42	5542.00	55.42
18:1n-7	3.12	2693.00	26.93
20:1n-11	0.16	139.00	1.39
20:1n-9	1.58	1368.00	13.68
20:1n-7	0.83	719.00	7.19
22:1n-11	1.06	915.00	9.15
22:1n-9	0.45	387.00	3.87
24:1n-9	0.59	507.00	5.07
Total monounsaturated	15.04	12988.00	129.88
18:2n-6	1.13	974.00	9.74
18:3n-6	0.26	223.00	2.23
20:2n-6	0.36	311.00	3.11
20:3n-6	0.40	345.00	3.45
20:4n-6	2.13	1835.00	18.35
22:4n-6	0.29	253.00	2.53
22:5n-6	0.84	723.00	7.23
Total n-6 PUFA	5.40	4664.00	46.64
18:3n-3	0.71	612.00	6.12
18:4n-3	2.60	2242.00	22.42
20:3n-3	0.25	213.00	2.13
20:4n-3	1.76	1523.00	15.23
20:5n-3	35.74	30857.00	308.57
21:5n-3	1.88	1621.00	16.21
22:5n-3	4.30	371<LOQ	37.10
22:6n-3	24.38	21044.00	210.44
Total n-3 PUFA	71.61	61822.00	618.22
16:2	0.12	101.00	1.01
16:3	0.11	98.00	0.98
16:4	0.22	186.00	1.86
	0.45	385.00	3.85
Total PUFA	77.46	66871.00	668.71
Total	100.00	86328.00	863.28

mg.capsule based on calculated oil weight in capsule

Limit of quantification (LOQ) for fatty acid analysis is 0.06%

CAPSULE OIL CONTENT

SAMPLE ID	Oil Weight (g.capsule⁻¹)
Eskimo-3 Pure Omega 3	0.52

Above values based on the average of 5 individual capsules

Fatty acid composition (% total fatty acids, mg FA.100g⁻¹ Oil and mg FA.Capsule⁻¹) of total lipid from Nutritional Supplements

Fatty acid	%	Eskimo-3 Pure Omega 3 mg. 100g ⁻¹ Oil	mg. capsule ⁻¹
14:0	6.31	5321.00	27.67
15:0	0.61	512.00	2.66
16:0	15.57	13137.00	68.31
18:0	3.27	2758.00	14.34
20:0	0.27	224.00	1.16
22:0	0.22	189.00	0.98
24:0	<LOQ	<LOQ	<LOQ
Total saturated	26.25	22141.00	115.13
16:1n-9	0.19	163.00	0.85
16:1n-7	9.50	8009.00	41.65
18:1n-9	7.16	6042.00	31.42
18:1n-7	3.19	2691.00	13.99
20:1n-11	0.18	15<LOQ	0.78
20:1n-9	1.24	1044.00	5.43
20:1n-7	0.39	333.00	1.73
22:1n-11	1.35	1139.00	5.92
22:1n-9	0.31	264.00	1.37
24:1n-9	0.55	462.00	2.40
Total monounsaturated	24.06	20297.00	105.54
18:2n-6	1.34	113<LOQ	5.88
18:3n-6	0.34	287.00	1.49
20:2n-6	0.21	175.00	0.91
20:3n-6	0.22	187.00	0.97
20:4n-6	1.16	978.00	5.09
22:4n-6	0.14	121.00	0.63
22:5n-6	0.42	356.00	1.85
Total n-6 PUFA	3.83	3234.00	16.82
18:3n-3	0.75	63<LOQ	3.28
18:4n-3	3.12	2635.00	13.70
20:3n-3	0.14	114.00	0.59
20:4n-3	0.93	781.00	4.06
20:5n-3	19.64	16568.00	86.15
21:5n-3	0.95	802.00	4.17
22:5n-3	2.30	1942.00	10.10
22:6n-3	12.10	10205.00	53.07
Total n-3 PUFA	39.93	33677.00	175.12
16:2	1.38	1162.00	6.04
16:3	1.67	1411.00	7.34
16:4	2.88	2425.00	12.61
	5.93	4998.00	25.99
Total PUFA	49.69	41909.00	217.93
Total	100.00	84347.00	438.60

mg.capsule based on calculated oil weight in capsule

Limit of quantification (LOQ) for fatty acid analysis is 0.06%

CAPSULE OIL CONTENT

SAMPLE ID	Oil Weight (g.capsule⁻¹)
Mollers Trankapsler Omega 3	0.62

Above values based on the average of 5 individual capsules

**Fatty acid composition (% total fatty acids, mg FA.100g⁻¹ Oil and mg FA.Capsule⁻¹) of total lipid from
Nutritional Supplements**

Fatty acid	Mollers Trankapsler Omega 3		
	%	mg. 100g ⁻¹ Oil	mg. capsule ⁻¹
14:0	2.50	2122.00	13.16
15:0	0.40	34<LOQ	2.11
16:0	9.29	7892.00	48.93
18:0	2.04	173<LOQ	10.73
20:0	0.07	56.00	0.35
22:0	<LOQ	<LOQ	<LOQ
24:0	<LOQ	<LOQ	<LOQ
Total saturated	14.30	1214<LOQ	75.27
16:1n-9	0.37	314.00	1.95
16:1n-7	8.47	7196.00	44.62
18:1n-9	17.15	14562.00	90.28
18:1n-7	5.03	4273.00	26.49
20:1n-11	0.93	789.00	4.89
20:1n-9	12.86	1092<LOQ	67.70
20:1n-7	0.65	553.00	3.43
22:1n-11	6.50	5523.00	34.24
22:1n-9	1.04	881.00	5.46
24:1n-9	0.46	387.00	2.40
Total monounsaturated	53.46	45398.00	281.47
18:2n-6	3.42	2908.00	18.03
18:3n-6	0.19	164.00	1.02
20:2n-6	0.41	344.00	2.13
20:3n-6	0.10	87.00	0.54
20:4n-6	0.43	363.00	2.25
22:4n-6	0.06	48.00	0.30
22:5n-6	0.14	115.00	0.71
Total n-6 PUFA	4.74	4029.00	24.98
18:3n-3	1.00	847.00	5.25
18:4n-3	2.62	2227.00	13.81
20:3n-3	0.14	119.00	0.74
20:4n-3	0.75	636.00	3.94
20:5n-3	8.45	7176.00	44.49
21:5n-3	0.45	384.00	2.38
22:5n-3	1.28	1086.00	6.73
22:6n-3	12.03	10216.00	63.34
Total n-3 PUFA	26.72	22691.00	140.68
16:2	0.36	303.00	1.88
16:3	0.21	179.00	1.11
16:4	0.20	173.00	1.07
	0.77	655.00	4.06
Total PUFA	32.24	27375.00	169.73
Total	100.00	84913.00	526.46

mg.capsule based on calculated oil weight in capsule

Limit of quantification (LOQ) for fatty acid analysis is 0.06%