

## FF Skagen laboratory - Fatty Acid Profile 03/2012

FFA %: 1.9  
 Peroxide value meq/kg: 0.6  
 Anisidine value: 15.5  
 Totox value: 16.7

File name Injection date	Average of area %	g/kg	mg/kg
Sum of fatty acids C20:0 and above	33.0	330.3	330300
Sum of N-3 fatty acids	30.0	300.0	300000
Sum of N-6 fatty acids	4.4	44.4	44400
Sum of saturated fatty acids	27.3	272.6	272550
Sum of monounsaturated fatty acids	35.1	350.6	350600
Sum of polyunsaturated fatty acids	34.9	349.1	349050
Sum of EPA and DHA	21.8	218.0	218000

File name Injection date		Average of area %	g/kg	mg/kg
C14:0	myristic acid	5.3	53.4	53350
C14:1n-5	myristoleic acid	0.1	1.0	1000
C15:0	pentadecanoic acid	0.5	5.2	5150
C16:0	palmitic acid	18.5	184.6	184600
C16:1n-7	palmitoleic acid	6.5	64.8	64800
C16:4n-1		0.5	4.7	4650
C18:0	stearic acid	2.7	26.6	26550
C18:1n-9	oleic acid	19.6	195.6	195600
C18:1n-7	vaccenic acid	2.7	27.3	27250
C18:2n-6	linoleic acid	2.6	26.1	26100
C18:3n-6	gamma-linolenic acid	0.5	4.9	4850
C18:3n-3	linolenic acid	2.3	23.0	23000
C18:4n-3	stearidonic acid	2.5	25.0	25000
C20:0	arachidic acid	0.2	2.3	2300
C20:1n-9	gondoic acid	1.9	19.3	19250
C20:1n-7		0.2	2.1	2050
C20:2n-6		0.4	3.9	3900
C20:4n-6	arachidonic acid	0.7	6.6	6600
C20:3n-3		0.5	5.0	5000

## Skaga omega oil Batch 1

File name Injection date		Average of area %	g/kg	mg/kg
C20:4n-3		0.9	9.0	9000
C20:5n-3	eicosapentaenoic acid (EPA)	10.5	105.0	105000
C22:0	behenic acid	0.0	0.5	450
C22:1n-11	cetoleic acid	2.7	26.6	26550
C22:1n-9	erucic acid	0.3	3.5	3450
C22:1n-7		0.1	1.4	1350
C21:5n-3		0.6	6.0	6000
C22:4n-6		0.3	3.0	2950
C22:5n-3		1.4	14.0	14000
C24:0	lignoceric acid	0.0	0.2	150
C22:6n-3	docosahexaenoic acid (DHA)	11.3	113.0	113000
C24:1	nervonic acid	0.9	9.3	9300
Unidentified		5.6	55.9	55900
Total	area %	100		