

Product datasheet

Product description

Algal powder from *Nannochloropsis gaditana*

Typical analysis

Dry weight: ~95%

Composition*

Total proteins: ~40% - 45%

Total lipids: ~24% - 30%

Total carbohydrates: ~12%

Total ash: ~14%

Amino acid profile (percentage of total dry weight)

Alanine	2,80
Arginine	2,59
Aspartic acid	3,27
Cystein + Cystine	0,44
Glutamic acid	4,75
Glycine	2,22
Histidine	0,71
Isoleucine	1,63
Leucine	3,12
Lysine	2,66
Methionine	0,83
Phenylalanine	1,56
Proline	1,87
Serine	1,65
Threonine	1,88
Tyrosine	1,37
Tryptophan (Total)	0,62
Valine	2,18

Lipid classes (as percentage of total lipids)

Neutral lipids	54,9
Glycolipids	15,2
Phospholipids	28,4

Fatty acids (percentage of the total fatty acids content and phospholipids content)

		Total	Phospholipids
C14:0	Myristic acid	3,2	4,0
C16:0	Palmitic acid	24,4	25,4
C16:1(omega-7)	Palmitoleic acid	31,7	28,4
C18:1(omega-9)	Oleic acid	5,3	2,4
C18:2(omega-6)	Linoleic acid	1,9	5,4
C20:4(omega-6)	Arachidonic acid	1,9	4,6
C20:5(omega-3)	Eicosapentaenoic acid	28,1	26,1
	Other	3,5	3,7

Fatty acids per lipid class (percentage of the total fatty acids content)

Sphingomyelin	4,6
PE (phosphatidylethanolamine)	2,3
PC (phosphatidylcholine)	21,3
PG (phosphatidylserine)	12,7
DPG (diphosphatidylglycerol)	2,1
Lyso PC (Lysophosphatidylcholine)	1,4
Ceramide	0,4
SODG (Sulfoquinovosyl diacylglycerol)	17,8
DGDG (Digalactosyldiacylglycerol)	28,5
Other	8,9