

Table S2. Proximate chemical composition, energy, essential amino acid and fatty acid profiles of *Nannochloropsis* sp. whole cells and *Isochrysis* sp. whole cells as test ingredients

Nutrient	Ingredients	
	<i>Nannochloropsis</i> sp.	<i>Isochrysis</i> sp.
Proximate composition (%)		
Dry matter	96.9	92.5
Crude protein	58.5	44.7
Lipid	3.7	22.1
Ash	7.9	9.2
Crude fiber	1.9	0.6
Energy, kj g ⁻¹	15.7	18.4
Essential amino acids (% of ingredient by weight)		
Arginine	3.2	2.1
Lysine	3.4	2.4
Isoleucine	1.7	1.8
Leucine	4.9	4.0
Histidine	1.1	0.9
Methionine	1.1	1.1
Phenylalanine	2.9	2.4
Threonine	2.9	2.1
Tryptophan	0.4	0.3
Valine	2.5	2.3
Fatty acids fractions ^a (% of total fatty acids)		
Total SFA	26.7	27.4
Total MUFA	14.7	19.9
Total PUFA	58.3	51.4
20:5n3 EPA	13.8	1.0
22:6n3 DHA	ND ^b	9.9
Total n3 PUFA	37.0	39.6
Total n6 PUFA	21.3	11.8

^aSFA refers to saturated fatty acids; MUFA, monounsaturated fatty acids; PUFA, polyunsaturated fatty acids; EPA, eicosapentaenoic acid; DHA, docosahexaenoic acid;

^bNot detectable (< 0.1 % of total fatty acids)