Table SDC-3 Fatty acid composition of the main sources used in infant formulae.

*: (Codex, STAN 210-1999) ; **:(Fox and McSweeney, Advanced Dairy Chemistry Volume 2 Lipids, 2006) ; ND: not detectable. Empty cells: no data

FATTY ACIDS (% of total fatty acids)		Lipid sources used in infant formulae											
		Palm oil*	Coconut oil*	Sunflower oil*	High oleic sunflower oil*	Rapeseed oil*	Soybean oil*	Palm olein oil*	Palm kernel oil*	Safflower oil*	High oleic safflower oil*	Corn oil*	Dairy lipids**
SATURATED													
Butyric acid	C4:0												3,1-4,4
Caproic acid	C6:0	ND	ND-0,7	ND	ND	ND	ND	ND	ND-0,8	ND	ND	ND	1,8-2,7
Caprylic acid	C8:0	ND	4,6-10,0	ND	ND	ND	ND	ND	2,4-6,2	ND	ND	ND	1,0-1,7
Capric acid	C10:0	ND	5,0-8,0	ND	ND	ND	ND	ND	2,6-5,0	ND	ND	ND	2,2-3,8
Lauric acid	C12:0	ND-0,5	45,1-53,2	ND-0,1	ND	ND	ND-0,1	0,1-0,5	45,0-55,0	ND	ND-0,2	ND-0,3	2,6-4,2
Myristic acid	C14:0	0,5-2,0	16,8-21,0	ND-0,2	ND-0,1	ND-0,2	ND-0,2	0,5-1,5	14,0-18,0	ND-0,2	ND-0,2	ND-0,3	9,1-11,9
Palmitic acid	C16:0	39,3-47,5	7,5-10,2	5,0-7,6	2,6-5,0	2,5-7,0	8,0-13,5	38-43,5	6,5-10,0	5,3-8,0	3,6-6,0	8,6-16,5	23,6-31,4
Stearic acid	C18:0	3,5-6,0	2,0-4,0	2,7-6,5	2,9-6,2	0,8-3,0	2,0-5,4	3,5-5,0	1,0-3,0	1,9-2,9	1,5-2,4	ND-3,3	10,4-14,6
Arachidic acid	C20:0	ND-1,0	ND-0,2	0,1-0,5	0,2-0,5	0,2-1,2	0,1-0,6	ND-0,6	ND-0,2	0,2-0,4	0,3-0,6	0,3-1,0	0,35
Lignoceric acid	C24:0	ND	ND	ND-0,5	ND-0,5	ND-0,3	ND-0,5	ND	ND	ND-0,2	ND-0,3	ND-0,5	0,14
MONOUNSATURATED													
Palmitoleic acid	C16 :1 n-7	ND-0,6	ND	ND-0,3	ND-0,1	ND-0,6	ND-0,2	ND-0,6	ND-0,2	ND-0,2	ND-0,2	ND-0,5	1,04-2,0
Oleic acid	C18 :1 n-9	36,0-44,0	0,4	14,0-39	75-90,7	51,0-70,0	17,0-30,0	39,8-46,0	12,0-19,0	8,4-21,3	70,0-83,7	20,0-42,2	14,9-22,0
Nervonic acid	C24:1 n-9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
POLYUNSATURATED													
n-6 PUFA													
Linoleic acid (LA)	C18:2 n-6	9,0-12,0	1,0-2,5	48,3-74,0	2,1-17,0	15,0-30,0	48,0-59,0	10,0-13,5	1,0-3,5	67,8-83,2	9,0-19,9	34,0-65,6	1,2-1,7
Arachidonic acid (ARA)	C20:4 n-6												0,14
n-3 PUFA													
Alpha-linolenic acid (ALA)	C18:3 n-3	ND-0,5	ND-0,2	ND-0,3	ND-0,3	5,0-14,0	4,5-11,0	ND-0,6	ND-0,2	ND-0,1	ND-1,2	ND-2,0	0,9-1,2
Eicosatrienoic acid	C20:3 n-3												0,10
Eicosapentaenoic acid (EPA)	C20:5 n-3												0,09
Docosapentaenoic acid (DPA)	C22:5 n-3												0,04
Docosahexaenoic acid (DHA)	C22:6 n-3												0,01