

Infant Formula Comparison Chart (2007*)

Nutrients per 100 Calories

	<u>Milk Protein-based</u>					<u>Soy Protein-based</u>		<u>Hydrolyzed</u>		
	Enfamil 20	Enfamil 24	Good Start	Lactofree	Similac Advance	Isomil Advance	Prosobee Lipil	Alimentum Advance	Pregestimil 20	Pregestimil 24
Manufacturer	Mead J.	Mead J.	Nestle	Mead J.	Ross	Ross	Mead J.	Ross	Mead. J.	Mead J.
Energy, cal	100	100	100	100	100	100	100	100	100	100
Volume, ml	148	123	148	148	148	148	148	148	148	124
Protein, g	2.1	2.1	2.2	2.1	2.07	2.45	2.5	2.75	2.8	2.8
(% of total cal)	(8.5)	(8.5)	(9)	(8.5)	(8)	(10)	(10)	(11)	(11)	(11)
Fat, g	5.3	5.3	5.1	5.3	5.4	5.46	5.3	5.54	5.6	5.6
(% of total cal)	(48)	(48)	(46)	(48)	(49)	(49)	(48)	(48)	(48)	(48)
Linoleic acid, mg	860	860	900	860	1000	1000	860	1900	940	940
Contains DHA & ARA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No
Carbohydrate, g	10.9	10.9	11.2	10.9	10.8	10.3	10.6	10.2	10.2	10.2
(% of total cal)	(43.5)	(43.5)	(45)	(43.5)	(43)	(41)	(42)	(41)	(41)	(41)
Vitamins										
Vitamin A, IU	300	300	300	300	300	300	300	300	380	380
Vitamin D, IU	60	60	60	60	60	60	60	45	50	50
Vitamin E, IU	2	2	2	2	1.5	1.5	2	3.0	3.8	3.8
Vitamin K, mcg	8	8	8	8	8	11	8	15	18.8	18.8
Thiamin (B1), mcg	80	80	100	80	100	60	80	60	80	80
Riboflavin (B2), mcg	140	140	140	140	150	90	90	90	90	90
Pyridoxine (B6), mcg	60	60	75	60	60	60	60	60	60	60
B12, mcg	0.3	0.3	0.33	0.3	0.25	0.45	0.3	0.45	0.3	0.3
Niacin, mcg	1000	1000	1050	1000	1050	1350	1000	1350	1000	1000
Folic acid, mcg	16	16	15	16	15	15	16	15	16	16
Pantothenic acid, mcg	500	500	450	500	450	750	500	750	500	500
Biotin, mcg	3	3	4.4	3	4.4	4.5	3	4.5	3	3
Vitamin C, mg	12	12	9	12	9	9	12	9	12	12
Choline, mg	12	12	12	24	16	12	24	12	12	12
Inositol, mg	17	17	6	6	4.7	5.0	6	5	17	17
Carnitine, mg	2	2	Yes	2	Yes	Yes	2	Yes	2	2
Taurine, mg	6	6	Yes	6	Yes	Yes	6	Yes	6	6

Infant Formula Comparison Chart (2007*)

Nutrients per 100 Calories

	<u>Elemental</u>			<u>Premature</u>				
	Nutramigen	EleCare	Neocate	Enfacare	NeoSure	Enfamil Premature Lipil 20	Enfamil Premature Lipil 24	Similac PM 60/40
Manufacturer	Mead J.	Ross	Nutricia	Mead J.	Ross	Mead J.	Mead J.	Ross
Energy, cal	100	100	100	100	100	100	100	100
Volume, ml	148	148	148	134	134	148	124	148
Protein, g	2.8	3.01	3.1	2.8	2.60	3	3	2.22
(% of total cal)	(11)	(12)	(12)	(11)	(10)	(12)	(12)	(9)
Fat, g	5.3	4.76	4.5	5.3	5.50	5.1	5.1	5.59
(% of total cal)	(48)	(43)	(41)	(47)	(49)	(44)	(44)	(50)
Linoleic acid, mg	860	800	677	950	750	810	810	1300
Contains DHA & ARA	Yes	No	No	Yes	Yes	Yes	Yes	No
Carbohydrate, g	10.3	10.7	11.7	10.4	10.3	11	11	10.2
(% of total cal)	(41)	(43)	(47)	(42)	(41)	(44)	(44)	(41)
Vitamins								
Vitamin A, IU	300	273	409	450	460	1250	1250	300
Vitamin D, IU	50	42	59.9	80	70	240	240	60
Vitamin E, IU	2	2.1	1.14	4	3.6	6.3	6.3	2.5
Vitamin K, mcg	8	6	8.79	8	11	8	8	8
Thiamin (B1), mcg	80	210	92.6	200	220	200	200	100
Riboflavin (B2), mcg	90	105	137.8	200	150	300	300	150
Pyridoxine (B6), mcg	60	101	123.5	100	100	150	150	60
B12, mcg	0.3	0.42	0.26	0.3	0.40	0.25	0.25	0.25
Niacin, mcg	1000	1680	1544	2000	1950	4000	4000	1050
Folic acid, mcg	16	29.5	10.2	26	25	40	40	15
Pantothenic acid, mcg	500	421	620	850	800	1200	1200	450
Biotin, mcg	3	4.2	3.1	6	9.0	4	4	4.5
Vitamin C, mg	12	9	9.26	16	15	20	20	9
Choline, mg	24	8	13.1	24	16	20	20	12
Inositol, mg	17	5.05	23.3	30	6.0	44	44	24.0
Carnitine, mg	2	Yes	Yes	2	Yes	2.4	2.4	Yes
Taurine, mg	6	Yes	Yes	6	Yes	6	6	Yes

Infant Formula Comparison Chart

(2007*)

	Enfamil 20	Enfamil 24	Good Start	Lactofree	Similac Advance	Isomil Advance	Prosobee Lipil	Alimentum Advance	Pregestimil 20	Pregestimil 24
Minerals										
Calcium, mg (mEq)	78	78	64	82	78 (3.9)	105 (5.2)	105	105 (5.2)	115	115 (5.75)
Phosphorus, mg	53	53	36	46	42	75	69	75	75	75
Magnesium, mg	8	8	7	8	6	7.5	11	7.5	12	12
Iron, mg	1.8	1.8	1.5	1.8	1.8	1.8	1.8	1.8	1.88	1.88
Zinc, mg	1	1	0.8	1	0.75	0.75	1.2	0.75	1.1	1.1
Manganese, mcg	15	15	7	15	5	25	25	8	30	30
Copper, mcg	75	75	80	75	90	75	75	75	110	110
Iodine, mcg	10	10	12	15	6	15	15	15	11	11
Molybdenum, mcg	--	--	--	--	--	--	--	--	--	--
Chromium, mcg	--	--	--	--	--	--	--	--	--	--
Selenium, mcg	2.8	2.8	2	2.8	1.8	1.8	2.8	1.8	2.8	2.8
Sodium, mg (mEq)	27	27	27	30	24(1.0)	44 (1.9)	36 (1.6)	44 (1.9)	47	47 (2.0)
Potassium, mg (mEq)	108	108	108	110	105(2.7)	108 (2.8)	120 (3.1)	118 (3)	110	110 (2.8)
Chloride, mg (mEq)	63	63	65	67	65(1.8)	62 (1.7)	80 (2.3)	80 (2.3)	86	86 (2.4)
Other Characteristics										
Renal Solute Load/100 cal	19.2	19.2	--	20	18.7	22.8	24	25.3	26	26
Renal Solute Load (mOsm/L)	130	156	131	132	--	--	159	--	174	210
Water, g	134	134	135	134	133	133	133	133	133	108
Osmolality, mOsm/kg water	300	360	250	200	300	200	200	370	280	330
Osmolarity, mOsm/liter	270	320	--	182	270	180	180	333	250	290

*Information as of Feb, 2007. Product label supercedes above information.

Infant Formula Comparison Chart

	Nutramigen	EleCare	Neocate	(2007*)		Enfamil	Enfamil	Similac PM 60/40
				Enfacare	NeoSure	Premature Lipil 20	Premature Lipil 24	
Minerals								
Calcium, mg (mEq)	94	108	124	120	105 (5.2)	165	165	56 (2.8)
Phosphorus, mg	52	81	93.1	66	62	83	83	28
Magnesium, mg	11	8	12.4	8	9.0	9	9	6.0
Iron, mg	1.8	1.77	1.85	1.8	1.8	1.8	1.8	0.7
Zinc, mg	1	1.1	1.66	1.25	1.20	1.5	1.5	0.75
Manganese, mcg	25	93	90	15	10	6.3	6.3	5
Copper, mcg	75	126	124	120	120	120	120	90
Iodine, mcg	15	7	15.4	21	15	25	25	6
Molybdenum, mcg	--	--	4.75	--	--	--	--	--
Chromium, mcg	--	--	3.56	--	--	--	--	--
Selenium, mcg	2.8	2.32	3.73	2.8	2.3	N/A	N/A	1.9
Sodium, mg (mEq)	47	45 (1.97)	37.3	35	33 (1.4)	58	58	24 (1.0)
Potassium, mg (mEq)	110	150 (3.85)	155.1	105	142 (3.6)	98	98	80 (2.1)
Chloride, mg (mEq)	86	60 (1.69)	77.2	78	75 (2.1)	90	90	59 (1.7)
Other Characteristics								
Renal Solute Load/100 cal	25	27.3	--	24	24.0	27	27	18.3
Renal Solute Load (mOsm/L)	171	--	--	181	--	181	220	--
Water, g	133	82	135	120	120	133	108	134
Osmolality, mOsm/kg water	270	335	375	250 (Liq), 260 (Pwd)	250	240	300	280
Osmolarity, mOsm/liter	240	296	--	220 (Liq), 230 (Pwd)	224	220	260	254

*Information as of Feb, 2007. Proc