

Nutritional Comparison of US Infant Formula Act with Current Commercial Bubs Infant Formulas Stage 1 and 2 Converted to Units/100 kcal



	United States Infant Formula Act of 1985 and Amendments			Organic Grass Fed Cow's Milk Infant Formula 0-6 mo Stage 1	Organic Grass Fed Cow's Milk Infant Formula 6-12 mo Stage 2	Easy-digest Goat Milk Infant Formula 0-6 mo Stage 1	Easy-digest Goat Milk Infant Formula 6-12 mo Stage 2	Supreme A2 Beta-Casein Protein Infant Formula 0-6 mo Stage 1	Supreme A2 Beta-Casein Protein Infant Formula 6-12 mo Stage 2
Nutrients	Units / 100kcal	Min	Max	800 g Powder /Can	800 g Powder /Can	800 g Powder /Can	800 g Powder /Can	800 g Powder / Can	800 g Powder / Can
Volume per Serving	mL			145 (4.8 fl oz)	147 (4.9 fl oz)	143 (4.8 fl oz)	149 (5.0 fl oz)	151 (5.0 fl oz)	149 (5.0 fl oz)
Energy (calculated)	kcal			100	100	100	100	100	100
Protein (N*6.25)	g	1.8	4.5	2.2	3.3	2.1	2.9	1.9	2.5
Ingredients				Organic Whole Milk, Organic Whey Protein Concentrate, Organic Skim Milk	Organic Skim Milk, Organic Whole Milk, Organic Whey Protein Concentrate	Goat milk solids (full cream), Goat Whey Protein Concentrate	Goat milk solids (full cream), Goat Whey Protein Concentrate	Demineralized whey, full cream A2 Beta Casein milk powder, whey protein concentrate	Demineralized whey, full cream A2 Beta Casein milk powder, whey protein concentrate
Whey to Casein Ratio		NS	NS*	60:40	50:50	60:40	60:40	60:40	40:60
Fat (Lipids)	g	3.3	6.0	5.4	5	5.3	4.9	5.1	5.1
Ingredients				HO-sunflower, coconut, soy, canola, soy lecithin, Schizochytrium sp. (DHA), M. alpina (AA)	HO-sunflower, coconut, soy, canola, soy lecithin, Schizochytrium sp. (DHA), M. alpina (AA)	Sustainable palm olein, HO-sunflower, canola, sunflower, coconut, Schizochytrium sp.(DHA), M. alpina (AA), soybean lecithin	Sustainable palm olein, HO-sunflower, canola, sunflower, coconut, Schizochytrium sp.(DHA), M. alpina (AA), soybean lecithin	Sunflower, canola, coconut, high oleic sunflower, soy lecithin, M.alpina (AA), Schizochytrium sp. (DHA)	Sunflower, canola, coconut, high oleic sunflower, soy lecithin, M.alpina (AA), Schizochytrium sp. (DHA)
Percent of calories	%	30	54.0	48%	45%	47%	44%	46%	46%
Linoleic acid (18:2n6)	mg	300	NS	750	705	860	713	636	847
18:2n6, % of calories	%	2.7	NS	6.7%	6.3%	7.7%	6.4%	5.7%	7.6%
Linolenic acid (18:3n3)	mg	NS	NS	114	107	74	63	70	97
18:3n3, % of calories	%	NS	NS	1.02%	0.96%	0.66%	0.57%	0.63%	0.87%
Carbohydrate	g	NS	NS	10.6	10.2	10.7	10.7	11.6	10.7
Ingredients		NS	NS	Organic lactose and Organic Galacto-oligosaccharides (GOS), Probiotic: Bifidobacterium longum BB536	Organic lactose and Organic Galacto-oligosaccharides (GOS), Probiotic: Bifidobacterium longum BB536	Lactose + GOS	Lactose + GOS	Lactose, GOS and Fructo-oligosaccharides (FOS), Probiotic: Bifidobacterium longum BB536	Lactose, GOS and Fructo-oligosaccharides (FOS), Probiotic: Bifidobacterium longum BB536
NOTES				365 days on pasture, No artificial growth hormones, No artificial colors or preservatives, Non-GMO, Clean Label Purity Award, Australian Certified Organic and NASAA certified organic, Australian Made	365 days on pasture, No artificial growth hormones, No artificial colors or preservatives, Non-GMO, Clean Label Purity Award, Australian Certified Organic and NASAA certified organic, Australian Made	No artificial growth hormones, No artificial colors or preservatives, Clean Label Purity Award, Non-GMO, Australian Made	No artificial growth hormones, No artificial colors or preservatives, Clean Label Purity Award, Non-GMO, Australian Made	NutraBio Synbiotic Blend, No artificial growth hormones, No artificial colors or preservatives, Clean Label Purity Award, Australian Made	NutraBio Synbiotic Blend, No artificial growth hormones, No artificial colors or preservatives, Clean Label Purity Award, Australian Made
<b>VITAMINS</b>									
Vitamin A	IU	250	750	353	389	395	389	382	362
Vitamin D	IU	40	100	70	72	63	68	72	71
Vitamin E	IU	0.7	NS	4	3.7	4	3.7	3.4	3.3
Vitamin K1	mcg	4	NS	10.2	14.2	9.7	5.8	10.3	8.6
Thiamin (B1)	mcg	40	NS	120	110	135	145	145	157
Riboflavin (B2)	mcg	60	NS	168	235	225	234	287	302
Vitamin B6	mcg	35	NS	97	100	81	88	98	104
Vitamin B12	mcg	0.15	NS	0.5	0.5	0.7	0.5	0.6	0.6
Niacin (B3)	mcg	250	NS	1128	1126	860	815	709	804
Folic Acid (B9)	mcg	4	NS	23	20	20	20	30	25
Pantothenic Acid (B5)	mcg	300	NS	1067	1036	750	553	960	766
Biotin (B7)	mcg	1.5	NS	6.7	5.8	5.3	5.4	4.8	4
Vitamin C	mg	8	NS	14	14	20	14.9	18	18
Choline†	mg	7	NS	9	12	18.6	14.2	21	11
Inositol†	mg	4	NS	2.0	2.8	13	9.4	14.3	11.7
Lutein *	mcg	NS	NS	2.3	2.2	1.2	1.6	13.9	13.7
<b>MINERALS</b>									
Calcium	mg	60	NS	101	113	70	91	86	102
Phosphorus	mg	30	NS	68	83	42	59	57	68
Magnesium	mg	6	NS	12.3	12.5	8	10.6	8.1	10.4
Iron	mg	0.15	3	1.5	1.8	1.1	1.4	1.3	1.4
Zinc	mg	0.5	NS	1	1	0.7	0.8	0.9	0.9
Manganese	mcg	5	NS	20	23	22	14.9	28	24
Copper	mcg	60	NS	85	86	114	69	110	90
Iodine	mcg	5	75	34	21	15	17.9	22	22
Selenium	mcg	2	7	4	3.0	3.4	3.1	3.3	3
Sodium	mg	20	60	37	38	32	56	40	56
Potassium	mg	80	200	129	157	91	130	143	131
Chloride	mg	55	150	101	103	100	109	81	90

\*NS=Not Specified. †Required only for non-milk-based infant formulas.