



Formulas Used to Manage Growth Failure

Fortini™ Infant is supported by strong data as a new evidence-based standard of care in the fight against failure to thrive (FTT)⁶ – The standard has included concentrating standard infant formulas (27 kcal/fl oz is rarely exceeded) and in some cases providers choose hypoallergenic formulas.⁷

Nutrients per 100 mL	Fortini™ Infant 30 kcal/fl oz	Similac® Advance® ¹ (Standard 20 kcal/fl oz) concentrated to 27 kcal/fl oz*	Enfamil® 24 ² 24 kcal/fl oz	Nutramigen® ³ (Standard 20 kcal/fl oz) concentrated to 27 kcal/fl oz*
Usage	Specifically calibrated for term infants with growth failure	For use as a supplement or alternative to breastfeeding ¹	For full-term infants that require increased caloric density ²	For infants with food allergies including cow's milk allergy ³
Calories	100	90	81	90
Protein, g	2.6	1.86	1.7	2.52
% Energy	10.3%	8.3%	8.5%	11%
Protein format & content	Intact whey & casein	Intact whey & casein	Intact whey & casein	Hydrolyzed casein (milk)
Fat, g	5.4	5.04	4.3	4.77
% Fat as MCT	24%	ND	ND	ND
Carbohydrate, g	10.1	9.45	9.1	9.27
Soluble Fiber, g	0.57	ND	ND	ND
Water, g	85	~88 [†]	86	ND
Linoleic Acid, mg	790	900	630	702
VITAMINS				
Vitamin A, IU	253	270	240	270
Vitamin D, IU	76	54	61	54
Vitamin E, IU	3.1	1.35	1.62	1.8
Vitamin K, mcg	8.5	7.2	7.3	8.1
Thiamine, mcg	150	90	65	72
Riboflavin, mcg	200	135	114	81
Vitamin B ₆ , mcg	110	54	49	54
Vitamin B ₁₂ , mcg	0.30	0.225	0.24	0.27
Niacin, mcg	530	945	810	900
Folic acid, mcg	16	13.5	13	14.4
Pantothenic acid, mcg	800	405	410	450
Biotin, mcg	4	3.96	2.4	2.7
Vitamin C, mg	14	8.1	9.7	10.8
Choline, mg	23	21.6	19.5	21.6
Inositol, mg	25	4.23	4.9	21.6
MINERALS				
Calcium, mg	100	70.2	63	84.6
Phosphorus, mg	50	37.8	35	46.8
Magnesium, mg	10.7	5.4	6.5	7.2
Iron, mg	1.6	1.62	1.46	1.62
Zinc, mg	0.7	0.675	0.81	0.9
Manganese, mcg	16	4.5	12.2	22.5
Copper, mcg	65	81	61	67.5
Iodine, mcg	20.1	13.5	12.2	13.5
Molybdenum, mcg	<8.0	ND	ND	ND
Chromium, mcg	<8.0	ND	ND	ND
Selenium, mcg	2.9	1.8	2.3	2.52
Sodium, mg	37	21.6	22	42.3
Potassium, mg	95	94.5	88	99
Chloride, mg	62	58.5	51	77.4
Osmolality, mOsm/kg H ₂ O	360	379-427 [†]	370	~405 [§]
PRSL, mOsm/L	223	165-207 ^{††}	154	225 ^{**}



Formulated to thrive!

Nutrients per 100 calories	Fortini™ Infant	Similac® Advance® ¹	Enfamil® 24 ²	Nutramigen® ³
Calories	100	100	100	100
Protein, g	2.6	2.07	2.1	2.8
% Energy	10.3%	8.3%**	8.5%	11%
Fat, g	5.4	5.6	5.3	5.3
% Fat as MCT	24%	ND	ND	ND
Carbohydrate, g	10.1	10.5	11.2	10.3
Soluble Fiber, g	0.57	ND	ND	ND
Linoleic Acid, mg	790	1000	780	780
VITAMINS				
Vitamin A, IU	253	300	300	300
Vitamin D, IU	76	60	75	60
Vitamin E, IU	3.1	1.5	2	2
Vitamin K, mcg	8.5	8	9	9
Thiamine, mcg	150	100	80	80
Riboflavin, mcg	200	150	140	90
Vitamin B ₆ , mcg	110	60	60	60
Vitamin B ₁₂ , mcg	0.30	0.25	0.3	0.3
Niacin, mcg	530	1050	1000	1000
Folic acid, mcg	16	15	16	16
Pantothenic acid, mcg	800	450	500	500
Biotin, mcg	4	4.4	3	3
Vitamin C, mg	14	9	12	12
Choline, mg	23	24	24	24
Inositol, mg	25	4.7	6	24
MINERALS				
Calcium, mg	100	78	78	94
Phosphorus, mg	50	42	43	52
Magnesium, mg	10.7	6	8	8
Iron, mg	1.6	1.8	1.8	1.8
Zinc, mg	0.7	0.75	1	1
Manganese, mcg	16	5	15	25
Copper, mcg	65	90	75	75
Iodine, mcg	20.1	15	15	15
Molybdenum, mcg	<8.0	ND	ND	ND
Chromium, mcg	<8.0	ND	ND	ND
Selenium, mcg	2.9	2	2.8	2.8
Sodium, mg	37	24	27	47
Potassium, mg	95	105	108	110
Chloride, mg	62	65	63	86

1. <https://abbottnutrition.com/similac-advance-20>. Accessed April 20, 2022. 2. <https://hcp.meadjohnson.com/s/product/a4R4J000000PpR6UAK/enfamil-24>. Accessed April 20, 2022. 3. <https://hcp.meadjohnson.com/s/product/a4R4J000000PpQyUAK/nutramigen-with-probiotic-1gg>. Accessed May 19, 2022. 4. Third party laboratory testing of standard infant formulas commercially available in United States. Eurofins, Madison, Wisconsin. 5. Andrea Gilbaugh R.D. and John Kerner M.D. Pediatric Formula Comparison Guide: Lucile Packard Children's Hospital Stanford: <https://depts.washington.edu/nutrloc/webapps/?p=1377;2017>. 6. Goday, et al. JPEN J Parenter Enteral Nutr. 2022. 7. Simental. J Pediatr Gastroenterol Nutr. 2020;71:S453(684).

ND = Not declared; PRSL = Potential renal solute load

*Values derived from nutrition information at standard dilution unless otherwise indicated

¹Estimate based on manufacturer provided mixing instructions and approximate displacement factor of 0.7 mL/g.

²Range of values for standard (20 kcal/fl oz) infant formulas concentrated to 27 kcal/fl oz (Osmolality values³)

³Based on osmolality at standard concentration: assumes formula reconstitution strength has direct, linear impact on osmolality.

**Values calculated from publicly available nutrition information

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