



Extensive HA[®]

Infant Formula Powder

Mixing Instructions for Increasing Caloric Density

Desired Concentration	Water		Unpacked Level Scoop	Approximate Yield	
	fl oz	mL		fl oz	mL
20 kcal/fl oz	2.0	60	2	2.2	66
22 kcal/fl oz	1.9	55	2	2.1	62
24 kcal/fl oz	2.5	75	3	2.9	85
27 kcal/fl oz	2.2	65	3	2.5	75
30 kcal/fl oz	2.5	75	4	3.0	88

One scoop of powder has approximately 22.7 calories

One scoop of powder displaces approximately 3.3 mL

Higher calorie formula concentrations should be used only under the direction of a medical professional. Decisions regarding caloric concentration should be based on medical condition and history. The health care provider is responsible for determining nutritional requirements and monitoring patient tolerance to feedings. The extended use of >20 kcal/fl oz formula is not recommended in the absence of medical necessity.

As with any powdered infant formula product, use with immune compromised infants is not recommended. When such use is necessary, we recommend following the Academy of Nutrition and Dietetics guidelines for safe preparation, storage, and administration.



FOR MEDICAL PROFESSIONAL USE ONLY

Extensive HA[®] Infant Formula Powder

RESULTING NUTRIENT PROFILES

Resulting Nutrient Profiles	Per 100 calories	Per 100 mL				
		20 kcal/fl oz	22 kcal/fl oz	24 kcal/fl oz	27 kcal/fl oz	30 kcal/fl oz
Energy, kcal	100	68	74	81	91	101
Volume, mL	148	100	100	100	100	100
Protein, g	2.6	1.8	1.9	2.1	2.4	2.6
Fat, g	5.1	3.4	3.8	4.1	4.7	5.2
Linoleic Acid, mg	777	526	578	631	709	788
Linolenic Acid, mg	99	67	74	80	90	0
DHA, % total fat	0.32	0.32	0.32	0.32	0.32	0.32
ARA, % total fat	0.32	0.32	0.32	0.32	0.32	0.32
Carbohydrate, g	10.9	7.4	8.1	8.8	10.0	11.1
Vitamins						
Vitamin A, IU	312	211	232	253	285	317
Vitamin D, IU	50	34	37	41	46	51
Vitamin E, IU	2	1.4	1.5	1.6	1.8	2.0
Vitamin K, mcg	10	6.8	7	8.1	9.1	10.1
Thiamine (Vitamin B ₁), mcg	93	63	69	75	85	94
Riboflavin (Vitamin B ₂), mcg	152	103	113	123	139	154
Vitamin B ₆ , mcg	79	53	59	64	72	80
Vitamin B ₁₂ , mcg	0.3	0.20	0.22	0.24	0.3	0.30
Niacin, mcg	1028	695	765	834	939	1043
Folic Acid, mcg	15	10	11	12	14	15
Pantothenic Acid, mcg	730	494	543	592	667	741
Biotin, mcg	2	1	1.5	1.6	2	2.0
Vitamin C, mg	14	9	10	11	13	14
Choline, mg	24	16	18	19	22	24
Inositol, mg	20	13.5	14.9	16.2	18.3	20.3
Minerals						
Calcium, mg	90	61	67	73	82	91
Phosphorus, mg	63	43	47	51	58	64
Magnesium, mg	9	6.1	6.7	7.3	8.2	9.1
Iron, mg	1.8	1	1.3	1.5	1.6	1.8
Zinc, mg	1	0.68	0.7	0.81	0.91	1.01
Manganese, mcg	7	5	5	6	6	7
Copper, mcg	98	66	73	80	89	99
Iodine, mcg	15	10.1	11.2	12.2	14	15.2
Selenium, mcg	2	1	1.5	1.6	1.8	2
Sodium, mg	38	26	28	31	35	39
Potassium, mg	98	66	73	80	89	99
Chloride, mg	79	53	59	64	72	80
Other						
Probiotic, CFU/g powder [^]		1 x 10 ⁶ , <i>B. lactis</i>				
Added Nucleotides, mg	4.6	3.1	3.4	3.7	4.2	4.7
PSRL* (mOsm/100 kcal)	24	-	-	-	-	-
PRSL* (mOsm/100 mL)	-	16.2	17.9	19.5	21.9	24.3
Approximate Osmolality, mOsm/kg water	220	220	242	264	297	330

[^] Colony Forming Units * Potential Renal Solute Load Nutrients per 100 mL are based on calculated results