

# Adding Neocate® Infant DHA/ARA to Human Milk★

For Healthcare Professionals†

## Start with Human Milk + add gram weights of Neocate Infant DHA/ARA

Neocate Infant DHA/ARA is a nutritionally complete, powdered, amino acid-based infant formula containing iron and nucleotides. Neocate Infant is indicated for cow milk allergy, multiple food allergies, and related gastrointestinal (GI) and/or allergic conditions, including food protein-induced enterocolitis syndrome (FPIES), eosinophilic GI disorders (EGIDs), short bowel syndrome (SBS), malabsorption,‡ and gastroesophageal reflux related to food allergies.



Approximate Household Measures* Leveled and Unpacked	
<b>1 scoop*</b>	<b>4.6 g</b>
1 tsp (5 mL)	2.6 g
1 Tbsp (15 mL)	7.9 g
¼ cup (60 mL)	31.5 g
½ cup (80 mL)	42.0 g
¾ cup (120 mL)	63.0 g
1 cup (240 mL)	126 g

★This table only applies to Neocate Infant DHA/ARA, not Neocate Syneo Infant.

### Desired concentration following addition of Neocate Infant DHA/ARA powder:§

Volume of Human Milk: fl oz    mL		22 kcal/fl oz 0.73 kcal/mL ~320 mOsm/kg <sup>§</sup> Adds ~0.20 g PE/100 mL <sup>§</sup>			24 kcal/fl oz 0.80 kcal/mL ~360 mOsm/kg <sup>§</sup> Adds ~0.39 g PE/100 mL <sup>§</sup>			26 kcal/fl oz 0.87 kcal/mL ~400 mOsm/kg <sup>§</sup> Adds ~0.59 g PE/100 mL <sup>§</sup>			27 kcal/fl oz 0.90 kcal/mL ~420 mOsm/kg <sup>§</sup> Adds ~0.68 g PE/100 mL <sup>§</sup>			28 kcal/fl oz 0.93 kcal/mL ~440 mOsm/kg <sup>§</sup> Adds ~0.78 g PE/100 mL <sup>§</sup>			30 kcal/fl oz 1.00 kcal/mL ~485 mOsm/kg <sup>§</sup> Adds ~0.98 g PE/100 mL <sup>§</sup>		
		Neocate Infant DHA/ARA to add:	Final Volume		Neocate Infant DHA/ARA to add:	Final Volume		Neocate Infant DHA/ARA to add:	Final Volume		Neocate Infant DHA/ARA to add:	Final Volume		Neocate Infant DHA/ARA to add:	Final Volume		Neocate Infant DHA/ARA to add:	Final Volume	
fl oz	mL	g	mL	fl oz <sup>‡</sup>	g	mL	fl oz <sup>‡</sup>	g	mL	fl oz <sup>‡</sup>	g	mL	fl oz <sup>‡</sup>	g	mL	fl oz <sup>‡</sup>	g	mL	fl oz <sup>‡</sup>
1.0	30	0.5 g	30	1.0	0.9 g	31	1.0	1.4 g	31	1.0	1.7 g	31	1.0	1.9 g	31	1.0	2.4 g	32	1.1
1.5	45	0.7 g	45	1.5	1.4 g	46	1.5	2.1 g	46	1.5	2.5 g	47	1.6	2.9 g	47	1.6	3.6 g	48	1.6
2.0	60	0.9 g	61	2.0	1.9 g	61	2.0	2.8 g	62	2.1	3.3 g	62	2.1	3.8 g	63	2.1	4.8 g	63	2.1
2.5	75	1.2 g	76	2.5	2.3 g	77	2.6	3.6 g	77	2.6	4.2 g	78	2.6	4.8 g	78	2.6	6.1 g	79	2.6
3.0	90	1.4 g	91	3.0	2.8 g	92	3.1	4.3 g	93	3.1	5.0 g	94	3.1	5.7 g	94	3.1	7.3 g	95	3.2
3.5	105	1.6 g	106	3.5	3.3 g	107	3.6	5.0 g	108	3.6	5.8 g	109	3.6	6.7 g	110	3.7	8.5 g	111	3.7
4.0	120	1.9 g	121	4.0	3.7 g	123	4.1	5.7 g	124	4.1	6.7 g	125	4.2	7.7 g	125	4.2	9.7 g	127	4.2
4.5	135	2.1 g	136	4.5	4.2 g	138	4.6	6.4 g	139	4.6	7.5 g	140	4.7	8.6 g	141	4.7	10.9 g	143	4.8
5.0	150	2.3 g	152	5.1	4.7 g	153	5.1	7.1 g	155	5.2	8.3 g	156	5.2	9.6 g	157	5.2	12.1 g	158	5.3
5.5	165	2.5 g	167	5.6	5.2 g	169	5.6	7.8 g	170	5.7	9.2 g	171	5.7	10.5 g	172	5.7	13.3 g	174	5.8
6.0	180	2.8 g	182	6.1	5.6 g	184	6.1	8.5 g	186	6.2	10.0 g	187	6.2	11.5 g	188	6.3	14.5 g	190	6.3
7.0	210	3.2 g	212	7.1	6.6 g	215	7.2	9.9 g	217	7.2	11.7 g	218	7.3	13.4 g	219	7.3	16.9 g	222	7.4
8.0	240	3.7 g	243	8.1	7.5 g	245	8.2	11.4 g	248	8.3	13.3 g	249	8.3	15.3 g	251	8.4	19.4 g	254	8.5
9.0	270	4.2 g	273	9.1	8.4 g	276	9.2	12.8 g	279	9.3	15.0 g	281	9.4	17.2 g	282	9.4	21.8 g	285	9.5
10.0	300	4.6 g	303	10.1	9.4 g	307	10.2	14.2 g	310	10.3	16.7 g	312	10.4	19.2 g	313	10.4	24.2 g	317	10.6

\*Household measures are based on standard US, dry household measures. All measures are level and unpacked. These values are approximations only, whereas the scoops Nutricia provides are validated for use with Nutricia formulas. Nutricia North America recommends using a scale for greatest accuracy. Dilutions are more accurate using weighed powder vs. scoops. Scoops should be level and unpacked. One level, unpacked scoop yields 4.6 grams powder and provides 22.2 kcal. One gram provides 4.83 kcal and displaces ~0.70 mL water.

Last Updated 7/8/2024

†For patient safety, Nutricia directs caregivers requesting these instructions to their healthcare teams.

‡Malabsorption describes a diminished capacity for the body to sufficiently absorb and/or digest fat, protein, carbohydrate, and other nutrients from the diet to meet nutritional needs.

§This chart assumes 1 fl oz = 30 mL and that mature human milk is 20 kcal/fl oz.<sup>1</sup> Volumes of human milk are exact, but final volume of mixture may vary slightly. PE = Protein equivalent. Protein g/100 mL human milk varies. Add this number to your preferred value for protein in human milk (g/100 mL) to estimate increase by adding Neocate Infant. Osmolality based on 340 mOsm/kg + average osmolality of 280 mOsm/kg for mature human milk.<sup>1</sup>

1. Kleinman RE, Ed. *Pediatric Nutrition Handbook*. 5th ed. Elk Grove Village, IL: American Academy of Pediatrics; 2004:938.

Nutricia North America supports the use of human milk whenever possible.

Follow your facility's preparation & storage guidelines. Refer to can label for standard instructions for preparation and use.

For questions, contact: [NutritionServices@Nutricia.com](mailto:NutritionServices@Nutricia.com) or (800) 375-3654

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