

# Adding Neocate® Infant DHA/ARA to Breast Milk

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

Contact our Medical Affairs team if you'd prefer a chart that starts with whole scoops of Neocate (1-6) and lists the volume of breast milk to add - 800.365.7354

Neocate Infant DHA/ARA is a nutritionally complete, powdered amino acid-based exempt infant formula with iron, DHA, ARA and nucleotides. Neocate Infant DHA/ARA is indicated for cow and soy milk allergy, multiple food protein intolerance, short bowel syndrome, eosinophilic esophagitis, malabsorption, gastroesophageal reflux and other conditions where an amino acid-based infant formula is required.



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
⅔ cup (120 mL)	63.0 g
1 cup (240 mL)	126 g

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

Volume of Breast Milk:		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	mL	fl oz <sup>†</sup>	mL	fl oz <sup>†</sup>	mL	fl oz <sup>†</sup>	mL	fl oz <sup>†</sup>	mL	fl oz <sup>†</sup>	mL	fl oz <sup>†</sup>	mL	fl oz <sup>†</sup>	mL	fl oz <sup>†</sup>	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 and have been provided for convenience: results can vary significantly based on the individual, device, and method. Nutricia North America recommends using a gram scale for greatest accuracy. The scoops Nutricia provides are validated for use with Nutricia formulas, so are preferable to household measures.

Calculations use: 4.83 kcal/g; 22.2 kcal/scoop; 0.7 mL/g displacement; assume Breast milk is 20 kcal/fl oz

<sup>†</sup>Fluid ounce values rounded to closest 0.1 fl oz. Milliliter values are more accurate.

<sup>‡</sup>Osmolalities calculated based on average 280 mOsm/kg for human milk<sup>1</sup>

<sup>§</sup>Protein g/100 mL human milk varies. Add this number (based on 1.0 g/100 mL) to your preferred value for protein in human milk (g/100 mL) to estimate increase by adding Neocate

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

**NOT INTENDED FOR PARENTS/CAREGIVERS**  
Follow your facility's preparation & storage guidelines; shake or stir until powder dissolves



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**Nutricia North America supports the use of breast milk whenever possible**