

This formulation only for Ontario Drug Benefit program-covered patients, available until new & improved formulation is listed (launched in Canada early 2019, with different mixing instructions and dilution chart). Contact your Nutricia representative or our Customer Service department for more information.



# Neocate® DHA & ARA Infant Formula Dilution Chart

For Healthcare Professionals<sup>§</sup>

Contact Nutricia's Medical Affairs team for more comprehensive volume options at each concentration



Refer to can label for full preparation instructions

1. Add required amount of Neocate DHA & ARA powder to bottle or mixing container



2. Add appropriate amount of sterile water



3. Cap bottle or container and shake until powder dissolves

Approximate Household Measures* Leveled and Unpacked	
1 scoop <sup>†</sup>	4.75 g
1 tsp (5 mL)	2.4 g
1 Tbsp (15 mL)	7.1 g
¼ cup (60 mL)	28.5 g
½ cup (80 mL)	38.0 g
¾ cup (120 mL)	57.0 g
1 cup (240 mL)	114 g

Approximate Final Volume <sup>†</sup>	
mL	fl oz
120	4.0
240	8.0
475	15.8
720	24.0
980	32.7

## Concentration

**0.67 kcal/mL**  
**20 kcal/30 mL**  
 2.06 g PE/100 mL  
**Osmolality:**  
 375 mOsm/kg  
 ~88.9% Free Water

Amount of Neocate Powder <sup>†</sup>			Volume of Water <sup>†</sup>	
scoops	grams	kcal	mL	fl oz
4	19.0	80	105	3.5
8	38.0	160	210	7.0
16	76.0	320	420	14.0
24	114	480	630	21.0
33	157	660	870	29.0

**0.73 kcal/mL**  
**22 kcal/30 mL**  
 2.26 g PE/100 mL  
 439 mOsm/kg  
 ~87.8% Free Water

scoops	grams	kcal	mL	fl oz	mL	fl oz
5	23.8	100	120	4.0	135	4.6
10	47.5	200	240	8.0	275	9.1
19	90.3	380	450	15.0	515	17.1
28	133	560	660	22.0	755	25.1
36	171	720	870	29.0	990	33.0

**0.80 kcal/mL**  
**24 kcal/30 mL**  
 2.47 g PE/100 mL  
 479 mOsm/kg  
 ~86.7% Free Water

scoops	grams	kcal	mL	fl oz	mL	fl oz
7	33.3	140	150	5.0	175	5.8
11	52.3	220	240	8.0	275	9.2
21	99.8	420	450	15.0	520	17.3
29	138	580	630	21.0	725	24.2
39	185	780	840	28.0	970	32.3

**0.87 kcal/mL**  
**26 kcal/30 mL**  
 2.68 g PE/100 mL  
 525 mOsm/kg  
 ~85.6% Free Water

scoops	grams	kcal	mL	fl oz	mL	fl oz
6	28.5	120	120	4.0	140	4.7
12	57.0	240	240	8.0	280	9.3
21	99.8	420	420	14.0	490	16.3
32	152	640	630	21.0	735	24.5
43	204	860	840	28.0	985	32.8

**0.90 kcal/mL**  
**27 kcal/30 mL**  
 2.78 g PE/100 mL  
 544 mOsm/kg  
 ~85.0% Free Water

scoops	grams	kcal	mL	fl oz	mL	fl oz
8	38.0	160	150	5.0	175	5.9
16	76.0	320	300	10.0	355	11.8
22	105	440	420	14.0	495	16.4
33	157	660	630	21.0	740	24.7
43	204	860	810	27.0	955	31.8

**0.93 kcal/mL**  
**28 kcal/30 mL**  
 2.88 g PE/100 mL  
 566 mOsm/kg  
 ~84.5% Free Water

scoops	grams	kcal	mL	fl oz	mL	fl oz
5	23.8	100	90	3.0	105	3.6
10	47.5	200	180	6.0	215	7.1
23	109	460	420	14.0	495	16.5
33	157	660	600	20.0	710	23.7
45	214	900	810	27.0	960	32.0

**1.00 kcal/mL**  
**30 kcal/30 mL**  
 3.09 g PE/100 mL  
 619 mOsm/kg  
 ~83.4% Free Water

scoops	grams	kcal	mL	fl oz	mL	fl oz
9	42.8	180	150	5.0	180	6.0
18	85.5	360	300	10.0	360	12.0
25	119	500	420	14.0	505	16.8
36	171	720	600	20.0	720	24.0
49	233	980	810	27.0	975	32.4



\*Household measures are based on standard, 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 scale for greatest accuracy.** The scoops Nutricia provides are validated for use with Nutricia formulas, so are preferable to household measures.

†Dilutions are more accurate using weighed powder vs. scoops. Scoops should be level and unpacked. 1 level, unpacked scoop yields 4.75 grams powder and provides 20.0 kcal. 1 gram provides 4.21 kcal and displaces ~0.70 mL water.

‡This chart assumes 1 fl oz = 30 mL. Water volumes are exact, but final volume of prepared formula may vary slightly.

§For patient safety, Nutricia directs caregivers who request mixing instructions at non-standard dilutions to their healthcare team for guidance.

Last Updated August 11, 2015

Contact our Medical Affairs team  
 with questions:  
 NutritionServices@Nutricia.com  
 (877) 636-2283

[www.neocate.com/canada](http://www.neocate.com/canada)

© 2015 Nutricia North America. All rights reserved.