

Updated!
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Neocate® DHA & ARA Infant Formula Dilution Chart

For Healthcare Professionals[§]

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



Refer to can label for full preparation instructions

1. Measure required amount of sterile water into a container.

2. Add appropriate amount of powder.

3. Cap bottle or container and shake well until powder dissolves.

Approximate Household Measures*

Leveled and Unpacked

1 scoop[†] 4.6 g

1 tsp (5 mL) 2.6 g

1 Tbsp (15 mL) 7.9 g

¼ cup (60 mL) 31.5 g

⅓ cup (80 mL) 42.0 g

½ cup (120 mL) 63.0 g

1 cup (240 mL) 126 g

Approximate Final Volume[‡]

Concentration 0.67 kcal/mL

20 kcal/30 mL

1.86 g PE/100 mL

Osmolality:

340 mOsm/kg H₂O

~90.5% Free Water

Volume of Water		Amount of Neocate Powder [†]			Approximate Final Volume [‡]	
mL	fl oz	scoops	grams	kcal	mL	fl oz
120	4	4	18.4	89	135	4.4
240	8	8	36.8	178	270	9.0
330	11	11	50.6	244	360	12.2
660	22	22	101.2	489	720	24.3
870	29	29	133	644	960	32.1

0.73 kcal/mL

22 kcal/30 mL

2.05 g PE/100 mL

380 mOsm/kg H₂O

~89.5% Free Water

mL	fl oz	scoops	grams	kcal	mL	fl oz
135	4.5	5	23.0	111	150	5.0
240	8	9	41.4	200	270	9.0
405	13.5	15	69.0	333	455	15.1
630	21	23	106	511	705	23.4
870	29	32	147	711	970	32.4

0.80 kcal/mL

24 kcal/30 mL

2.24 g PE/100 mL

410 mOsm/kg H₂O

~88.6% Free Water

mL	fl oz	scoops	grams	kcal	mL	fl oz
75	2.5	3	13.8	67	85	2.8
195	6.5	8	36.8	178	220	7.3
390	13	16	73.6	355	440	14.7
630	21	26	120	578	715	23.8
855	28.5	35	161	778	965	32.2

0.87 kcal/mL

26 kcal/30 mL

2.42 g PE/100 mL

450 mOsm/kg H₂O

~87.6% Free Water

mL	fl oz	scoops	grams	kcal	mL	fl oz
90	3	4	18.4	89	105	3.4
180	6	8	36.8	178	205	6.8
360	12	16	73.6	355	410	13.7
630	21	28	129	622	720	24.0
825	27.5	37	170	822	940	31.4

0.90 kcal/mL

27 kcal/30 mL

2.52 g PE/100 mL

470 mOsm/kg H₂O

~87.1% Free Water

mL	fl oz	scoops	grams	kcal	mL	fl oz
150	5	7	32.2	156	170	5.7
255	8.5	12	55.2	267	295	9.8
360	12	17	78.2	378	415	13.8
630	21	29	133	644	720	24.1
840	28	39	179	867	965	32.1

0.93 kcal/mL

28 kcal/30 mL

2.61 g PE/100 mL

490 mOsm/kg H₂O

~86.7% Free Water

mL	fl oz	scoops	grams	kcal	mL	fl oz
165	5.5	8	36.8	178	190	6.3
225	7.5	11	50.6	244	260	8.7
330	11	16	73.6	355	380	12.7
645	21.5	31	143	689	745	24.8
840	28	41	189	911	970	32.3

1.00 kcal/mL

30 kcal/30 mL

2.80 g PE/100 mL

530 mOsm/kg H₂O

~85.7% Free Water

mL	fl oz	scoops	grams	kcal	mL	fl oz
75	2.5	4	18.4	89	90	2.9
210	7	11	50.6	244	245	8.2
360	12	19	87.4	422	420	14.0
630	21	33	152	733	735	24.5
810	27	43	198	955	945	31.5



Neocate® is a family of hypoallergenic, amino acid-based products. Neocate is intended for use under medical supervision.

*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 4.6 grams powder and provides 22.2 kcal. 1 gram provides 4.83 kcal and displaces ~0.70 mL water.

‡This chart assumes 30 mL = 1 fl oz. 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.

Contact our Medical Affairs team
with questions:

NutritionServices@Nutricia.com

(877) 636-2283

www.neocate.ca

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