



Neocate® Infant DHA/ARA Dilution Chart

For Healthcare Professionals[§]

Contact Nutricia for more comprehensive volume options at each concentration
Refer to can label for full preparation instructions

1. Pour cooled, boiled water into a sterilized container.
Nutricia recommends cooled, boiled water for preparation and the use of sterilized bottles.



2. Add required amount of Neocate Infant powder.
3. Cap bottle or container and shake 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
½ cup (80 mL)	42.0 g
½ cup (120 mL)	63.0 g
1 cup (240 mL)	126 g

20 kcal/fl oz <i>0.67 kcal/mL</i> 1.86 g PE/100 mL [‡] 340 mOsm/kg ~90.3% Free Water	Volume of Water [†]		Amount of Neocate Powder [†]			Approximate Final Volume [†]	
	fl oz	mL	scoops	grams	kcal	fl oz	mL
	3.0	90	3	13.8	66.7	3.3	100
	5.0	150	5	23.0	111	5.5	166
	8.0	240	8	36.8	178	9.0	266
	14.0	420	14	64.4	311	15.5	465
	29.0	870	29	133.4	644	32.1	963

22 kcal/fl oz <i>0.73 kcal/mL</i> 2.05 g PE/100 mL [‡] ~380 mOsm/kg ~89.4% Free Water	Volume of Water [†]		Amount of Neocate Powder [†]			Approximate Final Volume [†]	
	fl oz	mL	scoops	grams	kcal	fl oz	mL
	4.5	135	5	23.0	111	5.0	151
	8.0	240	9	41.4	200	9.0	269
	13.5	405	15	69.0	333	15.1	453
	21.0	630	23	105.8	511	23.5	704
	29.0	870	32	147.2	711	32.4	973

24 kcal/fl oz <i>0.80 kcal/mL</i> 2.24 g PE/100 mL [‡] ~410 mOsm/kg ~88.4% Free Water	Volume of Water [†]		Amount of Neocate Powder [†]			Approximate Final Volume [†]	
	fl oz	mL	scoops	grams	kcal	fl oz	mL
	2.5	75	3	13.8	66.7	2.8	85
	6.5	195	8	36.8	178	7.4	221
	13.0	390	16	73.6	355	14.7	442
	21.0	630	26	119.6	578	23.8	714
	28.5	855	35	161.0	778	32.3	968

26 kcal/fl oz <i>0.87 kcal/mL</i> 2.42 g PE/100 mL [‡] ~450 mOsm/kg ~87.4% Free Water	Volume of Water [†]		Amount of Neocate Powder [†]			Approximate Final Volume [†]	
	fl oz	mL	scoops	grams	kcal	fl oz	mL
	3.0	90	4	18.4	88.9	3.4	103
	6.0	180	8	36.8	178	6.9	206
	12.0	360	16	73.6	355	13.7	412
	21.0	630	28	128.8	622	24.0	720
	27.5	825	37	170.2	822	31.5	944

27 kcal/fl oz <i>0.90 kcal/mL</i> 2.52 g PE/100 mL [‡] ~470 mOsm/kg ~87.0% Free Water	Volume of Water [†]		Amount of Neocate Powder [†]			Approximate Final Volume [†]	
	fl oz	mL	scoops	grams	kcal	fl oz	mL
	5.0	150	7	32.2	156	5.8	173
	8.5	255	12	55.2	267	9.8	294
	12.0	360	17	78.2	378	13.8	415
	21.0	630	29	133.4	644	24.1	723
	28.0	840	39	179.4	867	32.2	966

28 kcal/fl oz <i>0.93 kcal/mL</i> 2.61 g PE/100 mL [‡] ~490 mOsm/kg ~86.5% Free Water	Volume of Water [†]		Amount of Neocate Powder [†]			Approximate Final Volume [†]	
	fl oz	mL	scoops	grams	kcal	fl oz	mL
	5.5	165	8	36.8	178	6.4	191
	7.5	225	11	50.6	244	8.7	260
	11.0	330	16	73.6	355	12.7	382
	21.5	645	31	142.6	689	24.8	745
	28.0	840	41	188.6	911	32.4	972

30 kcal/fl oz <i>1.00 kcal/mL</i> 2.80 g PE/100 mL [‡] ~530 mOsm/kg ~85.5% Free Water	Volume of Water [†]		Amount of Neocate Powder [†]			Approximate Final Volume [†]	
	fl oz	mL	scoops	grams	kcal	fl oz	mL
	2.5	75	4	18.4	88.9	2.9	88
	7.0	210	11	50.6	244	8.2	245
	12.0	360	19	87.4	422	14.0	421
	21.0	630	33	151.8	733	24.5	736
	27.0	810	43	197.8	955	31.6	948

*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.

Last updated July 8, 2024

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. 1 level, unpacked scoop yields 4.6 grams powder and provides 22.22 kcal. 1 gram provides 4.83 kcal and displaces ~0.70 mL.

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

[§]PE = Protein equivalent.

[§]For patient safety, Nutricia directs caregivers requesting mixing instructions at non-standard dilutions to their healthcare teams.

For questions, contact:
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neocate.com/for-healthcare-professionals/

