

Neocate® Junior with Prebiotics, Unflavored Dilution Chart*

For Healthcare Professionals[§]

*This chart does not apply to Neocate Junior, Unflavored due to a minor difference in displacement



1. Measure the required amount of warm or cool water into a container



2. Add prescribed amount of Neocate Junior to the water



3. Cover and shake until the powder has dissolved

Approximate Household Measures*
Leveled and Unpacked

1 scoop [†]	8.2 g
1 tsp (5 mL)	2.7 g
1 Tbsp (15 mL)	8.1 g
¼ cup (60 mL)	32.3 g
½ cup (80 mL)	43.0 g
¾ cup (120 mL)	64.5 g
1 cup (240 mL)	129 g

30 kcal/fl oz
1.00 kcal/mL
3.35 g PE/100 mL
Osmolality:
550 mOsm/kg
~84.5% Free Water

Volume of Water		Amount of Neocate Powder [†]			Final Volume [‡]	
Exact fl oz	mL	scoops	grams	kcal	Approx fl oz	mL
3.5	100	3	24.6	118	4.0	120
6.5	200	6	49.2	235	8.0	240
11.0	330	10	82.0	392	13.0	391
20.0	600	18	148	706	24.0	715
28.0	840	25	205	980	33.1	992

32 kcal/fl oz
1.07 kcal/mL
3.57 g PE/100 mL
Est'd 585 mOsm/kg ll
~83.5% Free Water

Exact fl oz	mL	scoops	grams	kcal	Approx fl oz	mL
14.5	435	14	115	549	17.3	520
17.5	525	17	139	666	20.9	628
21.5	645	21	172	823	25.7	772
25.5	765	25	205	980	30.6	917
28.0	840	27	221	1058	33.5	1004

34 kcal/fl oz
1.13 kcal/mL
3.79 g PE/100 mL
Est'd 625 mOsm/kg ll
~82.5% Free Water

Exact fl oz	mL	scoops	grams	kcal	Approx fl oz	mL
7.5	225	8	65.6	314	9.1	274
10.5	315	11	90.2	431	12.7	382
15.0	450	16	131	627	18.2	547
20.0	600	21	172	823	24.2	727
26.0	780	27	221	1058	31.5	944

36 kcal/fl oz
1.20 kcal/mL
4.02 g PE/100 mL
Est'd 660 mOsm/kg ll
~81.4% Free Water

Exact fl oz	mL	scoops	grams	kcal	Approx fl oz	mL
3.5	105	4	32.8	157	4.3	129
8.0	240	9	73.8	353	9.8	295
14.0	420	16	131	627	17.2	517
21.0	630	24	197	941	25.9	776
28.0	840	32	262	1254	34.5	1034

38 kcal/fl oz
1.27 kcal/mL
4.24 g PE/100 mL
Est'd 695 mOsm/kg ll
~80.4% Free Water

Exact fl oz	mL	scoops	grams	kcal	Approx fl oz	mL
5.0	150	6	49.2	235	6.2	186
10.0	300	12	98.4	470	12.4	373
14.0	420	17	139	666	17.4	523
20.0	600	24	197	941	24.9	746
26.0	780	31	254	1215	32.3	968

40 kcal/fl oz
1.33 kcal/mL
4.46 g PE/100 mL
Est'd 735 mOsm/kg ll
~79.4% Free Water

Exact fl oz	mL	scoops	grams	kcal	Approx fl oz	mL
5.5	165	7	57.4	274	6.9	207
8.5	255	11	90.2	431	10.7	322
14.0	420	18	148	706	17.6	529
20.0	600	26	213	1019	25.3	758
27.0	810	35	287	1372	34.1	1022

45 kcal/fl oz
1.50 kcal/mL
5.02 g PE/100 mL
Est'd 825 mOsm/kg ll
~76.8% Free Water

Exact fl oz	mL	scoops	grams	kcal	Approx fl oz	mL
4.0	120	6	49.2	235	5.2	156
8.0	240	12	98.4	470	10.4	313
12.0	360	18	148	706	15.6	469
18.0	540	27	221	1058	23.5	704
25.0	750	37	303	1450	32.5	975



*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. †Dilutions are more accurate using weighed powder vs. scoops. Scoops should be level and unpacked. 1 level, unpacked scoop yields 8.2 grams powder and provides 39.2 kcal. 1 gram provides 4.78 kcal and displaces ~0.74 mL water.

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

§Derived from osmolality at standard dilution: assumes direct linear relationship with formula concentration.

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

***HOUSEHOLD MEASURES:** Clinicians can access an easy Household Measures Calculator in the Neocate Calculator at www.NutriciaLearningCenter.com in the GI/Allergy Clinician Resources section

Contact our Medical Affairs team with questions:
NutritionServices @ Nutricia.com • (800)-365-7354

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