

Neocate® Junior, Unflavored Dilution Chart*

For Healthcare Professionals[§]



*This chart does not apply to the version with added prebiotics 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)	2.4 g
1 Tbsp (15 mL)	7.3 g
¼ cup (60 mL)	29.0 g
½ cup (80 mL)	38.7 g
¾ cup (120 mL)	58.0 g
1 cup (240 mL)	116 g

30 kcal/fl oz

1.00 kcal/mL
3.35 g PE/100 mL
Osmolality:
550 mOsm/kg
~84.9% 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
10.0	300	9	73.8	353	11.8	353
20.0	600	18	148	706	24.0	715
28.0	840	25	205	980	32.9	988

32 kcal/fl oz

1.07 kcal/mL
3.57 g PE/100 mL
Est'd 585 mOsm/kg ll
~83.9% Free Water

Exact fl oz	mL	scoops	grams	kcal	Approx fl oz	mL
12.5	375	12	98.4	470	14.9	446
15.5	465	15	123	588	18.5	554
18.5	555	18	148	706	22.0	661
21.5	645	21	172	823	25.6	769
28.0	840	27	221	1058	33.3	999

34 kcal/fl oz

1.13 kcal/mL
3.79 g PE/100 mL
Est'd 625 mOsm/kg ll
~82.9% Free Water

Exact fl oz	mL	scoops	grams	kcal	Approx fl oz	mL
8.5	255	9	73.8	353	10.3	308
11.5	345	12	98.4	470	13.9	416
14.5	435	15	123	588	17.5	524
21.0	630	22	180	862	25.3	760
27.0	810	28	230	1097	32.5	975

36 kcal/fl oz

1.20 kcal/mL
4.02 g PE/100 mL
Est'd 660 mOsm/kg ll
~81.9% Free Water

Exact fl oz	mL	scoops	grams	kcal	Approx fl oz	mL
4.5	135	5	41.0	196	5.5	165
8.0	240	9	73.8	353	9.8	293
11.5	345	13	107	510	14.1	422
18.0	540	20	164	784	21.9	658
26.0	780	29	238	1137	31.7	951

38 kcal/fl oz

1.27 kcal/mL
4.24 g PE/100 mL
Est'd 695 mOsm/kg ll
~80.9% Free Water

Exact fl oz	mL	scoops	grams	kcal	Approx fl oz	mL
2.5	75	3	24.6	118	3.1	93
7.5	225	9	73.8	353	9.3	278
12.5	375	15	123	588	15.5	464
19.0	570	23	189	902	23.5	706
26.0	780	31	254	1215	32.1	963

40 kcal/fl oz

1.33 kcal/mL
4.46 g PE/100 mL
Est'd 735 mOsm/kg ll
~79.9% Free Water

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Exact fl oz	mL	scoops	grams	kcal	Approx fl oz	mL
5.5	165	7	57.4	274	6.9	206
9.5	285	12	98.4	470	11.9	356
14.0	420	18	148	706	17.5	526
19.0	570	24	197	941	23.7	712
26.0	780	33	271	1293	32.5	975

45 kcal/fl oz

1.50 kcal/mL
5.02 g PE/100 mL
Est'd 825 mOsm/kg ll
~77.4% Free Water

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Exact fl oz	mL	scoops	grams	kcal	Approx fl oz	mL
4.0	120	6	49.2	235	5.2	155
7.5	225	11	90.2	431	9.7	290
9.5	285	14	115	549	12.3	368
15.5	465	23	189	902	20.0	601
25.0	750	37	303	1450	32.3	968

*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 ~0.72 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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