

Neocate® Junior with Prebiotics, Strawberry Dilution Chart

For Healthcare Professionals[§]

We can provide a full page for a single concentration of Neocate Junior, if needed.



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 [†]	8.0 g
1 tsp (5 mL)	2.3 g
1 Tbsp (15 mL)	6.9 g
¼ cup (60 mL)	27.8 g
½ cup (80 mL)	37.0 g
⅓ cup (120 mL)	55.5 g
1 cup (240 mL)	111 g

30 kcal/fl oz

1.00 kcal/mL
3.41 g PE/100 mL
Osmolality:
630 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
4.0	120	4	32.0	150	5.0	143
7.5	225	7	56.0	263	9.0	265
11.5	345	11	88.0	413	13.6	407
21.0	630	20	160	750	25.0	744
28.0	840	26	208	976	32.9	988

32 kcal/fl oz

1.07 kcal/mL
3.64 g PE/100 mL
Est'd 670 mOsm/kg ll
~83.9% Free Water

Exact fl oz	mL	scoops	grams	kcal	Approx fl oz	mL
15.5	465	16	128	600	18.5	556
19.5	585	20	160	750	23.3	699
24.5	735	25	200	938	29.2	877
29.5	885	30	240	1126	35.2	1055
34.5	1035	35	280	1313	41.1	1234

34 kcal/fl oz

1.13 kcal/mL
3.87 g PE/100 mL
Est'd 715 mOsm/kg ll
~82.8% Free Water

Exact fl oz	mL	scoops	grams	kcal	Approx fl oz	mL
5.5	165	6	48.0	225	6.6	199
10.0	300	11	88.0	413	12.1	362
15.5	465	17	136	638	18.7	562
20.0	600	22	176	825	24.2	725
26.5	795	29	232	1088	32.0	960

36 kcal/fl oz

1.20 kcal/mL
4.09 g PE/100 mL
Est'd 755 mOsm/kg ll
~81.8% Free Water

Exact fl oz	mL	scoops	grams	kcal	Approx fl oz	mL
6.0	180	7	56.0	263	7.3	220
12.0	360	14	112	525	14.7	440
18.0	540	21	168	788	22.0	659
24.0	720	28	224	1051	29.3	879
27.5	825	32	256	1201	33.6	1007

38 kcal/fl oz

1.27 kcal/mL
4.32 g PE/100 mL
Est'd 800 mOsm/kg ll
~80.8% Free Water

Exact fl oz	mL	scoops	grams	kcal	Approx fl oz	mL
4.0	120	5	40.0	188	4.9	148
8.0	240	10	80.0	375	9.9	297
12.0	360	15	120	563	14.8	445
20.0	600	25	200	938	24.7	742
28.0	840	35	280	1313	34.6	1039

40 kcal/fl oz

1.33 kcal/mL
4.55 g PE/100 mL
Est'd 840 mOsm/kg ll
~79.8% Free Water

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Exact fl oz	mL	scoops	grams	kcal	Approx fl oz	mL
3.0	90	4	32.0	150	3.8	113
7.5	225	10	80.0	375	9.4	282
12.0	360	16	128	600	15.0	451
20.0	600	27	216	1013	25.1	753
26.0	780	35	280	1313	32.6	979

45 kcal/fl oz

1.50 kcal/mL
5.12 g PE/100 mL
Est'd 945 mOsm/kg ll
~77.3% Free Water

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Exact fl oz	mL	scoops	grams	kcal	Approx fl oz	mL
4.5	135	7	56.0	263	5.8	175
9.0	270	14	112	525	11.7	350
13.0	390	20	160	750	16.8	504
20.0	600	31	248	1163	25.9	776
26.0	780	40	320	1501	33.6	1007

*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 8.0 grams powder and provides 37.52 kcal. 1 gram provides 4.69 kcal and displaces ~0.71 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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