

### Neocate Junior Dilution Charts

	Volume of Water†		Amount of Neocate*		Approx. Final Volume‡	
	fl oz	mL	scoops	grams	fl oz	mL
<b>Neocate Junior, Unflavored</b>						
<b>30 kcal/fl oz</b>	4.0	120	4	29.2	4.7	140
1.0 kcal/mL	7.0	210	7	51.1	8.2	245
3.1 g PE/100 mL†	10.0	300	10	73.0	11.7	350
600 mOsm/kg H <sub>2</sub> O	21.0	630	21	153	24.5	735
~85.6% free water	28.0	840	28	204	32.7	980
<b>45 kcal/fl oz</b>	5.5	165	9	65.7	7.0	210
1.5 kcal/mL	8.5	255	14	102	10.9	325
4.6 g PE/100 mL†	11.0	330	18	131	14.0	420
900 mOsm/kg H <sub>2</sub> O	19.0	570	31	226	24.2	725
~78.4% free water	25.0	750	41	299	31.9	955
<b>Neocate Syneo Junior, Unflavored</b>						
<b>30 kcal/fl oz</b>	4.0	120	4	30.4	4.7	140
1.0 kcal/mL	7.0	210	7	53.2	8.3	250
3.2 g PE/100 mL†	10.0	300	10	76.0	11.9	355
600 mOsm/kg H <sub>2</sub> O	21.0	630	21	160	24.9	750
~84.2% free water	28.0	840	28	213	33.2	995
<b>45 kcal/fl oz</b>	8.0	240	13	98.8	10.4	315
1.5 kcal/mL	10.5	315	17	129	13.7	410
4.7 g PE/100 mL†	13.0	390	22	167	17.1	515
900 mOsm/kg H <sub>2</sub> O	19.0	570	31	236	24.8	745
~76.3% free water	24.0	720	40	304	31.5	945
<b>Neocate Junior, Vanilla (V) &amp; Strawberry (S)</b>						
<b>30 kcal/fl oz</b>	4.0	120	4	29.2	4.7	140
1.0 kcal/mL	7.0	210	7	51.1	8.2	245
3.1 g PE/100 mL†	10.0	300	10	73.0	11.7	350
620(V)/610(S) mOsm/kg H <sub>2</sub> O	21.0	630	21	153	24.6	735
~85.2% free water	28.0	840	29	212	32.9	990
<b>45 kcal/fl oz</b>	3.0	90	5	36.5	3.9	115
1.5 kcal/mL	6.0	180	10	73.0	7.7	230
4.7 g PE/100 mL†	12.0	360	20	146	15.4	460
925 mOsm/kg H <sub>2</sub> O	19.0	570	32	234	24.5	735
~77.8% free water	25.0	750	42	307	32.2	965
<b>Neocate Junior, Chocolate</b>						
<b>30 kcal/fl oz</b>	4.0	120	4	30.0	4.7	140
1.0 kcal/mL	7.0	210	7	52.5	8.3	245
3.1 g PE/100 mL†	10.0	300	10	75.0	11.8	355
660 mOsm/kg H <sub>2</sub> O	21.0	630	21	158	24.9	740
~84.8% free water	28.0	840	29	218	33.1	990
<b>45 kcal/fl oz</b>	6.5	195	11	82.5	8.4	255
1.5 kcal/mL	9.5	285	16	120	12.3	370
4.6 g PE/100 mL†	16.0	480	27	203	20.7	620
990 mOsm/kg H <sub>2</sub> O	20.0	600	34	255	26.0	780
~77.2% free water	25.0	750	42	315	32.4	970

### Neocate Syneo Infant Dilution Chart

	Volume of Water†		Amount of Neocate*		Approx. Final Volume‡	
	fl oz	mL	scoops	grams	fl oz	mL
<b>20 kcal/fl oz</b>	3.0	90	3	14.1	3.3	100
0.66 kcal/mL	5.0	150	5	23.5	5.5	165
1.90 g PE/100 mL†	8.0	240	8	37.6	9.0	270
360 mOsm/kg H <sub>2</sub> O	22.0	660	22	103	24.4	735
~90.0% free water	30.0	900	30	141	33.3	1000
<b>22 kcal/fl oz</b>	4.5	135	5	23.5	5.1	150
0.73 kcal/mL	8.0	240	9	42.3	9.0	270
2.12 g PE/100 mL†	11.0	330	12	56.4	12.3	370
390 mOsm/kg H <sub>2</sub> O	21.0	630	24	113	23.7	710
~88.8% free water	29.0	870	33	155	32.7	980
<b>24 kcal/fl oz</b>	6.5	195	8	37.6	7.4	220
0.80 kcal/mL	9.0	270	11	51.7	10.2	305
2.32 g PE/100 mL†	13.0	390	16	75.2	14.8	445
420 mOsm/kg H <sub>2</sub> O	21.0	630	26	122	23.9	715
~87.8% free water	28.0	840	35	165	31.9	955
<b>27 kcal/fl oz</b>	5.0	150	7	32.9	5.8	175
0.90 kcal/mL	6.5	195	9	42.3	7.5	225
2.61 g PE/100 mL†	10.0	300	14	65.8	11.6	345
490 mOsm/kg H <sub>2</sub> O	21.0	630	30	141	24.3	730
~86.3% free water	28.0	840	40	188	32.4	975

### Neocate Infant Dilution Chart

	Volume of Water†		Amount of Neocate*		Approx. Final Volume‡	
	fl oz	mL	scoops	grams	fl oz	mL
<b>20 kcal/fl oz</b>	3.0	90	3	13.8	3.3	100
0.67 kcal/mL	5.0	150	5	23.0	5.5	166
1.86 g PE/100 mL†	8.0	240	8	36.8	9.0	266
340 mOsm/kg H <sub>2</sub> O	14.0	420	14	64.4	15.5	465
~90.3% free water	29.0	870	29	133.4	32.1	963
<b>22 kcal/fl oz</b>	4.5	135	5	23.0	5.0	151
0.73 kcal/mL	8.0	240	9	41.4	9.0	269
2.05 g PE/100 mL†	13.5	405	15	69.0	15.1	453
380 mOsm/kg H <sub>2</sub> O	21.0	630	23	106	23.5	704
~89.4% free water	29.0	870	32	147	32.4	973
<b>24 kcal/fl oz</b>	2.5	75	3	13.8	2.8	85
0.80 kcal/mL	6.5	195	8	36.8	7.4	221
2.24 g PE/100 mL†	13.0	390	16	73.6	14.7	442
410 mOsm/kg H <sub>2</sub> O	21.0	630	26	119.6	23.8	714
~88.4% free water	28.5	855	35	161	32.3	968
<b>27 kcal/fl oz</b>	5.0	150	7	32.2	5.8	173
0.90 kcal/mL	8.5	255	12	55.2	9.8	294
2.52 g PE/100 mL†	12.0	360	17	78.2	13.8	415
470 mOsm/kg H <sub>2</sub> O	21.0	630	29	133.4	24.1	723
~87.0% free water	28.0	840	39	179.4	32.2	966

### Pepticate Dilution Chart

	Volume of Water†		Amount of Pepticate*		Approx. Final Volume‡	
	fl oz	mL	scoops	grams	fl oz	mL
<b>20 kcal/fl oz</b>	5.0	150	5	24.0	5.6	165
0.67 kcal/mL	10.0	300	10	48.0	11.1	335
1.59 g PE/100 mL†	15.0	450	15	72.0	16.7	500
280 mOsm/kg H <sub>2</sub> O	20.0	600	20	96.0	22.2	665
~90.3% free water	25.0	750	24	115	27.6	830
<b>22 kcal/fl oz</b>	10.0	300	11	52.8	11.2	335
0.73 kcal/mL	15.0	450	16	76.8	16.8	505
1.74 g PE/100 mL†	25.0	750	27	130	28.0	840
310 mOsm/kg H <sub>2</sub> O	30.0	900	33	158	33.6	1010
~89.1% free water	40.0	1200	43	206	44.7	1340
<b>24 kcal/fl oz</b>	4.0	120	5	24.0	4.6	135
0.80 kcal/mL	8.0	240	10	48.0	9.1	275
1.90 g PE/100 mL†	12.0	360	14	67.2	13.5	405
340 mOsm/kg H <sub>2</sub> O	16.0	480	19	91.2	18.1	545
~87.8% free water	20.0	600	24	115	22.6	680
<b>27 kcal/fl oz</b>	7.0	210	10	48.0	8.1	245
0.90 kcal/mL	12.0	360	16	76.8	13.8	415
2.14 g PE/100 mL†	17.0	510	23	110	19.5	585
380 mOsm/kg H <sub>2</sub> O	21.0	630	29	139	24.2	725
~86.3% free water	26.0	780	36	173	30.0	900

\*Scoops should be level and unpacked. Dilutions are more accurate using weighed powder vs. scoops. See reverse for scoop size, energy density, and displacement factor.

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

‡PE = Protein equivalent.



Access additional product details



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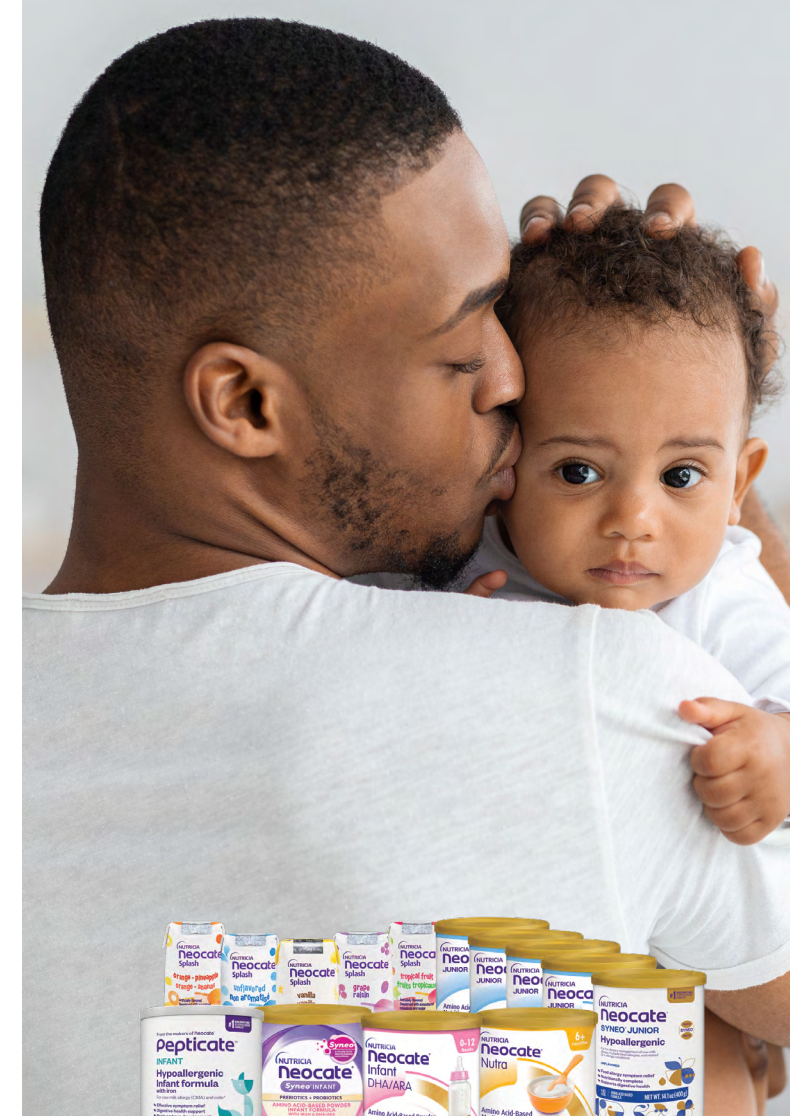
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Neocate® Junior,<sup>§</sup>  
Unflavored



Neocate® Syneo® Junior,<sup>§</sup>  
Unflavored



Neocate® Junior,<sup>§</sup>  
Strawberry & Vanilla



Neocate® Junior,<sup>§</sup>  
Chocolate



Neocate® Splash,<sup>§</sup>  
Unflavored, Orange-Pineapple, Vanilla,  
Grape, Tropical Fruit

Description	Extensively hydrolyzed infant formula with prebiotic fibers and iron	Amino acid-based infant formula with pre-and probiotics, and iron	Amino acid-based infant formula with iron	Amino acid-based semi-solid medical food	Amino acid-based formula	Amino acid-based formula with pre- and probiotics	Amino acid-based formula with prebiotic fibers	Amino acid-based formula with prebiotic fibers	Amino acid-based ready-to-feed formula
<b>Age indication</b>	0-12 months	0-12 months	0-12 months	6+ months	1+ years	1-10 years	1+ years	1+ years	1+ years
<b>Standard dilution</b>	20 kcal/fl oz	20 kcal/fl oz	20 kcal/fl oz	-	30 kcal/fl oz	30 kcal/fl oz	30 kcal/fl oz	30 kcal/fl oz	30 kcal/fl oz
<b>Calories/can (kcal)</b>	1774	1864	1932	1888	1916	1876	1888	1840	-
<b>Calories/gram (kcal)</b>	4.73	4.66	4.83	4.72	4.79	4.69	4.72	4.6	-
<b>Calories/scoop (kcal)</b>	22.7	21.9	22.2	21.8	35	35.6	34.5	34.5	-
<b>Protein/scoop (g)</b>	0.55	0.63	0.62	0.38	1.08	1.12	1.08	1.07	-
<b>Grams/can</b>	375	400	400	400	400	400	400	400	-
<b>Grams/scoop (level, unpacked)</b>	4.8	4.7	4.6	4.63	7.3	7.6	7.3	7.5	-
<b>Approximate scoops/can<sup>†</sup></b>	~78	~85	~87	~86	~55	~52	~55	~53	-
<b>Prepared volume/unit (can or carton)<sup>†</sup></b>	~86 fl oz / 2580 mL	~95 fl oz / 2850 mL	~97 fl oz / 2910 mL	-	~63.9 fl oz / 1915 mL	~62.0 fl oz / 1860 mL	~62.9 fl oz / 1887 mL	~61.3 fl oz / 1840 mL	8 fl oz / 237 mL
<b>Water displaced/gram (mL)</b>	0.69	0.71	0.70	-	0.69	0.74	0.7	0.7	-
<b>Water displaced/scoop (mL)</b>	3.31	3.34	3.22	-	5.04	5.62	5.11	5.25	-
<b>% Free water<sup>†</sup></b>	90.0%	90.0%	90.3%	-	85.6%	84.6%	85.2%	84.8%	84.6%
<b>Osmolality,<sup>††</sup> mOsm/kg H<sub>2</sub>O</b>	300	360	340	-	600	600	620 Vanilla, 610 Strawberry	660	670 Unflavored, 740 Grape, 710 Vanilla, 790 Orange-Pineapple, Tropical Fruit
<b>NUTRIENTS, per 100 kcal</b>									
<b>Powder to provide 100 kcal (g)</b>	21.1	21.5	20.7	21.2	20.9	21.3	21.2	21.7	-
<b>Protein equivalent, g (% total kcals)</b>	2.4 g (9.6%)	2.9 g (11.6%)	2.8 g (11.2%)	1.7 g (7.0%)	3.1 g (12.4%)	3.2 g (12.6%)	3.1 g (12%)	3.1 g (12%)	3.0 g (12%)
<b>Protein source</b>	Extensively hydrolyzed whey protein	Free amino acids	Free amino acids	Free amino acids	Free amino acids	Free amino acids	Free amino acids	Free amino acids	Free amino acids
<b>Carbohydrate, g (% total kcals)</b>	12.5 g (47.9%)	11.4 g (44.4%)	10.8 g (43.1%)	14.3 g (57%)	10.7 g (42.6%)	11.3 g (44.2%)	10.9 g (44%)	11.2 g (45%)	10.5 g (42%)
<b>Fiber, g</b>	0.72	0.91	0	0	0	0.60	0.40	0.41	0
<b>Carbohydrate sources</b>	Maltodextrin, Lactose, Galacto-oligosaccharides, Fructooligosaccharides	Corn Syrup Solids, Fructooligosaccharides (Oligofructose, Inulin)	Corn Syrup Solids	Corn Syrup Solids, Rice Starch, Sugar	Corn Syrup Solids, Maltodextrin	Corn Syrup Solids, Fructooligosaccharides (Oligofructose, Inulin)	Corn Syrup Solids, Fructooligosaccharides, Inulin, Maltodextrin	Corn Syrup Solids, Fructooligosaccharides, Inulin, Maltodextrin	Maltodextrin, Sugar
<b>Fat, g (% total kcals)</b>	4.7 g (42.5%)	4.9 g (44.0%)	5.1 g (45.7%)	4.0 g (36%)	5.0 g (45%)	4.8 g (43.2%)	4.9 g (44%)	4.8 g (43%)	5.1 g (46%)
<b>MCT:LCT ratio</b>	15:85	34:66	34:66	4:96	35:65	34:66	35:65	35:65	35:65
<b>Linoleic acid, mg</b>	794	718	738	683	818	753	794	780	325 Flavors, 292 Unflavored
<b>Fat sources (Refined oils)</b>	Palm, Coconut, Canola, and Sunflower	MCT (Palm Kernel and/or Coconut Oil) High Oleic Sunflower, Sunflower, Canola	MCT (Palm Kernel and/or Coconut Oil) High Oleic Sunflower, Sunflower, Canola	Coconut, High Oleic Sunflower, Canola, Sunflower	MCT (Palm Kernel and/or Coconut Oil) High Oleic Sunflower, Canola, Sunflower	MCT (Coconut and/or Palm and/or Palm Kernel Oils), High Oleic Sunflower, Canola, Sunflower	MCT (Palm Kernel and/or Coconut Oil) High Oleic Sunflower, Canola, Sunflower	MCT (Palm Kernel and/or Coconut Oil) High Oleic Sunflower, Canola, Sunflower	High Oleic Sunflower, MCT (Modified Palm Kernel and/or Coconut), Canola
<b>%DHA (DHA:ARA)</b>	0.38% (1:1)	0.35% (1:1)	0.35% (1:1)	-	-	-	-	-	-
<b>Calcium, mg</b>	103	118	116	141	118	125	120	123	118
<b>Phosphorus, mg</b>	65.0	83.3	82.2	72.0	79.8	81.3	80.9	83.0	80.0
<b>Sodium, mg</b>	34.7	39.7	39.1	8.0	50.0	50.4	50.6	52.0	60.0
<b>Chloride, mg</b>	74.9	81.1	79.9	9.3	76.1	76.6	77.1	79.1	76.0
<b>Potassium, mg</b>	104	111	109	<4.2	136	139	138	142	137
<b>Iron, mg; Magnesium, mg; Zinc, mg</b>	1.5 - 10.1 - 0.90	1.5 - 10.7 - 1.1	1.5 - 10.6 - 1.1	1.3 - 4.4 - 0.9	1.5 - 16.0 - 0.98	1.6 - 16.3 - 1.0	1.6 - 16.2 - 1.0	1.6 - 16.6 - 1.0	1.5 - 16.0 - 0.98
<b>Vitamin D, IU (mcg)</b>	68.0 (1.7)	75.5 (1.9)	72.9 (1.8)	36.4 (0.91)	79.4 (2.0)	81.0 (2.0)	80.5 (2.0)	82.6 (2.1)	80 (2.0)
<b>Vitamin A, IU (mcg RE)</b>	289 (86.7)	290 (87.1)	280 (84.1)	137 (41.0)	200 (60)	204 (61.2)	202 (60.8)	208 (62.4)	200 (60.0)
<b>Vitamin K, mcg</b>	7.6	9.1	8.8	3.9	4.0	4.2	4.1	4.2	4.0
<b>Approximate Household Measures<sup>†</sup></b>									
1 cup (240 mL)	133 g	130 g	126 g	126 g	120 g	143 g	121 g	125 g	-
½ cup (120 mL)	66.5 g	65.0 g	63.0 g	63.0 g	60.0 g	71.5 g	60.5 g	62.5 g	-
⅓ cup (80 mL)	44.3 g	43.3 g	42.0 g	42.0 g	40.0 g	47.7 g	40.3 g	41.7 g	-
¼ cup (60 mL)	33.3 g	32.5 g	31.5 g	31.5 g	30.0 g	35.8 g	30.3 g	31.3 g	-
1 tbsp (15 mL)	8.3 g	8.1 g	7.9 g	7.9 g	7.5 g	8.9 g	7.6 g	7.8 g	-
1 tsp (5 mL)	2.8 g	2.7 g	2.6 g	2.6 g	2.5 g	3.0 g	2.5 g	2.6 g	-
½ tsp (2.5 mL)	1.4 g	1.4 g	1.3 g	1.3 g	1.3 g	1.5 g	1.3 g	1.3 g	-

<sup>§</sup>Meets or exceeds DRIs for protein + 25 key vitamins & minerals: 1-3 years: 930 kcal; 4-8 years: 1370 kcal; 9-13 years: 1565kcal; 14-18 years: 2550 kcal

<sup>†</sup>At standard dilution, as listed in table. <sup>††</sup>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. Nutricia North America recommends using a scale for greatest accuracy. All products suitable for oral or enteral delivery except: Neocate Syneo Infant and Neocate Syneo Junior are not recommended for use in post-pyloric feeding tubes unless directed and supervised by a healthcare professional; Neocate Nutra, a semi-solid, is not intended for delivery by bottle or feeding tube.