



Neocate® Infant DHA/ARA Concentration 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 |
| ¾ 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 | fl oz | mL | scoops | grams | kcal | fl oz | mL |
|---|-------|-----|--------|-------|------|-------|-----|
| | | 4.5 | 135 | 5 | 23.0 | 111 | 5.0 |
| | 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 | fl oz | mL | scoops | grams | kcal | fl oz | mL |
|---|-------|-----|--------|-------|------|-------|-----|
| | | 2.5 | 75 | 3 | 13.8 | 66.7 | 2.8 |
| | 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 | fl oz | mL | scoops | grams | kcal | fl oz | mL |
|---|-------|-----|--------|-------|------|-------|-----|
| | | 3.0 | 90 | 4 | 18.4 | 88.9 | 3.4 |
| | 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 | fl oz | mL | scoops | grams | kcal | fl oz | mL |
|---|-------|-----|--------|-------|------|-------|-----|
| | | 5.0 | 150 | 7 | 32.2 | 156 | 5.8 |
| | 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 | fl oz | mL | scoops | grams | kcal | fl oz | mL |
|---|-------|-----|--------|-------|------|-------|-----|
| | | 5.5 | 165 | 8 | 36.8 | 178 | 6.4 |
| | 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 | fl oz | mL | scoops | grams | kcal | fl oz | mL |
|---|-------|-----|--------|-------|------|-------|-----|
| | | 2.5 | 75 | 4 | 18.4 | 88.9 | 2.9 |
| | 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.

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 water.

[‡]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.

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



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