

Illinois WIC Contract Formulas

Product Descriptions & Characteristics

November 2023

WIC staff training Desktop Resource for staff trained to issue WIC contract formulas.

Formula Category Information	Formula Name <i>(Manufacturer)</i>	Kcal/oz	Manufacturer Product Specific Characteristics
Contract Brand Formulas			
<ul style="list-style-type: none"> • Human milk is the best source of infant nutrition; however, when human milk is not available, iron-fortified formula is an appropriate alternative during the infant’s first year of life¹. • Protein is either (cow’s) milk based or soy-based isolate. Milk based protein contains whey (soluble portion-easier to digest) and casein (insoluble portion-can be a source of curd formation in stomach). Human milk’s primary protein is whey; the whey-to-casein ratio changes from 70:30 to 80:20 (in early lactation) to 50:50 (in later lactation)². • Carbohydrates (CHO) sources from lactose (in cow’s milk) or from corn syrup solids. • Fats are primarily from vegetable oils. Human milk fat contains essential fatty acids that convert into docosahexaenoic acid (DHA) and arachidonic acid (ARA)². DHA and/or ARA are added to infant formulas, marketed as beneficial for cognitive and eye development. Also, may add milk fat globule membrane (MFGM) components, similar to those in breastmilk, for cognitive development. • Prebiotics may or may not be added, marketed as supporting immune health and by 	Enfamil Infant <i>(Mead Johnson)</i>	20	<ul style="list-style-type: none"> • Milk-based (cow’s milk), iron-fortified, routine formula for full term infants 0-12 months • 60:40 whey-to-casein ratio • Added DHA & ARA; GOS & PDX
	Enfamil Infant NeuroPro RTF/RTU* <i>(Mead Johnson)</i>	20	<ul style="list-style-type: none"> • Milk-based (cow’s milk), iron-fortified, indicated for full term infants 0-12 months • 65:35 whey-to-casein ratio • Added DHA, ARA & MFGM; GOS, PDX and 2¹-FL HMO
	Enfamil Gentlease <i>(Mead Johnson)</i>	20	<ul style="list-style-type: none"> • Milk-based (cow’s milk) infant formula with partially broken-down proteins, designed to reduce fussiness, gas, and crying within 24 hrs • 60:40 whey-to-casein ratio and 20% CHO from lactose • Added DHA & ARA
	Enfamil Gentlease NeuroPro RTF/RTU* <i>(Mead Johnson)</i>	20	<ul style="list-style-type: none"> • Milk-based (cow’s milk) infant formula with partially broken-down proteins, designed to ease fussiness, crying, gas and spit-up • 60:40 whey-to-casein ratio prior to partial hydrolyzation; reduced lactose • Added DHA, ARA & MFGM; 2¹-FL HMO
	Enfamil Reguline <i>(Mead Johnson)</i>	20	<ul style="list-style-type: none"> • Milk-based (cow’s milk) infant formula designed to support gut health and promote soft stools • 60:40 whey-to-casein ratio; partially hydrolyzed proteins and 50% CHO from lactose • Added DHA & ARA; GOS & PDX

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<p>promoting growth of beneficial bacteria and soft stools. Enfamil formulas may include Galactooligosaccharides (GOS), Polydextrose (PDX) and 2¹-Fucosyllactose Human Milk Oligosaccharide (2¹-FL HMO)</p> <ul style="list-style-type: none"> • All contract formulas are iron-fortified • Forms: Powder, Liquid concentrate & RTF/RTU* • Availability: WIC Grocery or Pharmacy Vendor • Mixing instructions – refer participant to follow instruction on formula container and/or physician. <p><i>*RTF/RTU issuance must follow IL WIC PM SFD 5.5 policy requirements</i></p>	<p>Enfamil ProSobee <i>(Mead Johnson)</i></p>	<p style="text-align: center;">20</p>	<ul style="list-style-type: none"> • Plant-based formula indicated for routine feeding of infants with feeding issues resulting from sensitivity to milk-based formula • Primary CHO from corn syrup solids; lactose-free product • Added DHA & ARA
	<p>Enfamil AR <i>(Mead Johnson)</i></p>	<p style="text-align: center;">20</p>	<ul style="list-style-type: none"> • Thickened milk-based (cow’s milk) infant formula designed to reduce spit-up. Flows through standard nipple and thickens when in an acidic environment, like the stomach • Infants with uncomplicated gastroesophageal reflux (GER); may experience a reduction in regurgitation and choking/coughing³ with this type of formula • 20:80 whey-to-casein ratio; primary CHO is rice starch & lactose • Added DHA & ARA; GOS & PDX • Mixing-refer caregiver to follow can (standard dilution and instructions note to ‘shake well, let bottle sit 5 min. shake again’)

¹USDA Infant Nutrition and Feeding Guide, April 2019: [WIC Infant Nutrition and Feeding Guide | WIC Works Resource System \(usda.gov\)](https://www.wicworks.gov/resources/infant-nutrition-and-feeding-guide/)

²Martin C, Ling P, Blackburn G; Review of Infant Feedings: Key Features of Breast Milk and Infant Formula. *Nutrients*; 2016; 8(279)

³Corkins K, Shurley T, What’s in the Bottle? A Review of Infant Formulas. *Nutrition in Clinical Practice*; 2016; 31(6):723-729.

Information included in this resource was compiled from the formula manufacturer’s website November 2023. For additional product information, refer to: <http://www.meadjohnson.com/>

IL WIC PM Formula related guidance & resources:

- Illinois WIC Formulary (SFD 5.2)
- Illinois WIC Core Food Package Tables (SFD 7.2)
- Agencies with the WIC Paraprofessional Program (WPP), refer to IL WIC PM AD 12.3 Addendum Guidelines for Referrals for CPA Assistants. Level 1 CPA Assistants must refer to CPA for all formula changes (contract and medically prescribed).