

Casein Dominant

Nutrient	Description	Typical Breastmilk	Aptamil Extra Hungry	Cow & Gate Plus	Heinz Nurture Hungry Baby	SMA White
Energy (kcal/100ml)	For growth and development	69	66	67	68	67
Whey as % Protein	Protein is for maintenance and growth. Whey forms softer curds and is more easily digested than casein	60	20	20	18	20
Casein as % Protein	Casein takes longer to digest and produces slower gastric emptying.	40	80	40	82	80
Carbohydrate	Provides energy. Lactose helps aid calcium absorption	100% lactose	Marginally < 100% lactose	95% lactose	99% lactose	100% lactose
Prebiotic oligosaccharides g/100ml	Said to encourage the growth of so-called friendly bacteria in the gut to support the baby's natural immune system	0.8 – 1.2 naturally present	0.8	Present— g/100ml to follow	Present— g/100ml to follow	No added prebiotics in their formula, but the alpha protein they use is intended to give a prebiotic effect
LCPs	AA and DHA – said to be necessary for healthy brain and eye development	AA & DHA naturally present	AA & DHA within suggested levels	Added AA & DHA though not within suggested levels, also added GLA	AA & DHA within suggested levels	AA & DHA within suggested levels
Nucleotides	Said to support immune system	Yes	Yes	Yes	Yes	Yes
Taurine (mg/100ml)	Amino acid involved in the absorption of fat	3.4-8.0	5.3	6.9	6.8	4.7
Iron (mg/100ml)	Reduces risk of iron deficiency anaemia	0.07 Iron in breastmilk is more bio-available than from artificial sources	0.53	0.7	0.7	0.8
Added antioxidants?	Selenium is said to help protect the body against cell damage from free radicals	Selenium naturally present	Added selenium	Added selenium	Added selenium	Added selenium
Special Notes	Vegetarian or Halal Approved	Vegetarian and Halal approved. All sources of all ingredients natural!	Some LCPs obtained from fish oils. Halal approved	Some LCPs obtained from fish oils. Halal approved	Label reads: "Contains Fish"	Vegetarian and Halal approved. LCPS from pure vegetable source
	Suitable From / To		States Birth - 12m	States Birth - 12m	States Birth - 12m	States Birth -12m

Hipp Organic do not make a casein dominant milk