




A COMPARISON TABLE OF UK POWDER-BASED INFANT FORMULAS AND THEIR IMMUNE RELATED COMPONENTS

	Breastmilk	Aptamil Profutura First Infant Milk ¹	Aptamil First Infant Milk ²	Cow and Gate First Infant Milk ³	SMA Advanced First Infant Milk ⁴	SMA Pro First Infant Milk ⁵	Hipp Organic First Infant Milk ⁶
Unique breastmilk components (i.e. Antibodies and Lactoferrin)	Yes	Nil	Nil	Nil	Nil	Nil	Nil
 Prebiotic Oligosaccharides	12-15g/L >200 structures	7g/L 2'-FL* scGOS/lcFOS**	6g/L scGOS/lcFOS**	8g/L scGOS/lcFOS**	1.4g/L 2'-FL* LnNT [†]	1g/L 2'-FL*	3g/L GOS [‡]
 Lipids Docosahexaenoic Acid (DHA) & Arachidonic Acid (AA)	Varies	DHA - 16.5mg/100ml AA - 16.5mg/100ml	DHA - 16.5mg/100ml AA - 16.5mg/100ml	DHA - 16.5mg/100ml AA - 16.5mg/100ml	DHA - 7mg/100ml AA - 7mg/100ml	DHA - 17.4mg/100ml AA - 0.001mg/100ml	DHA - 13.2mg/100ml AA - 13.2mg/100ml
 Short-chain fatty acids, enzymes, peptides, cell surface proteins	Varies	Nil (Present in liquid formulations only)	Yes (29% fermented dairy-based blend)	Nil	Nil	Nil	Nil

* 2'-Fucosyllactose

** short-chain Galacto-oligosaccharides / long-chain Fructo-oligosaccharides

[†] Lacto-n-Neotetraose




[‡] Galacto-Oligosaccharides

References:

1. Aptamil Profutura First Infant Milk Datacard [2020], Available at: <https://www.nutricia.co.uk/hcp/pim-products/aptamil-profutura-first-infant-milk-powder.html> [Accessed: February 2021].
2. Aptamil First Infant Milk Datacard [2020], Available at: <https://www.nutricia.co.uk/hcp/pim-products/aptamil-first-infant-milk-with-pronutra-advance-powder.html> [Accessed: February 2021].
3. Cow & Gate First Infant Milk Datacard [2020], Available at: <https://www.nutricia.co.uk/hcp/pim-products/cow-gate-first-infant-milk-powder.html> [Accessed: February 2021].
4. SMA Advanced First Infant Datacard [2020], Available at: https://www.smahcp.co.uk/sites/default/files/2020-11/ZTC4834_Advanced_FIM%20datacard_%28FSAI-changes%29_01-2020.pdf [Accessed: February 2021].
5. SMA Pro First Infant Milk Datacard [2020], Available at: <https://www.smahcp.co.uk/sites/default/files/2020-11/ZTC4746-sma-pro-fim-datacard-09-2020.pdf> [Accessed: February 2021].
6. Hipp Organic First Infant Milk Datacard [2020], Available at: https://www.hipp4hcps.co.uk/fileadmin/media_hcp/pdf/HIPP_organic_infant_milk_powder_datacard_030320.pdf [Accessed: February 2021].

IMPORTANT NOTICE: Breastfeeding is best. Infant milk should only be used on the advice of a doctor, dietitian, pharmacist, or other professional responsible for maternal and child care.

A COMPARISON TABLE OF UK POWDER-BASED FOLLOW ON FORMULAS AND THEIR IMMUNE RELATED COMPONENTS

	Breastmilk	Aptamil Profutura Follow On Milk ¹	Aptamil Follow On Milk with Pronutra™ ADVANCE ²	Cow and Gate Follow On Milk ³	SMA Advanced Follow On Milk ⁴	SMA Pro Follow On Milk ⁵	Hipp Organic Follow On Milk ⁶
Unique breastmilk components (i.e. Antibodies and Lactoferrin)	Yes	Nil	Nil	Nil	Nil	Nil	Nil
 Prebiotic Oligosaccharides	12-15g/L >200 structures	6g/L 2'-FL* scGOS/lcFOS**	6g/L scGOS/lcFOS**	6g/L scGOS/lcFOS**	1.5g/L 2'-FL* LnNT [†]	0.25g/L 2'-FL*	5g/L GOS [‡]
 Lipids Docosahexaenoic Acid (DHA) & Arachidonic Acid (AA)	Varies	DHA - 17mg/100ml AA - 8.8mg/100ml	DHA - 17mg/100ml AA - 8.8mg/100ml	DHA - 17mg/100ml AA - 1.2mg/100ml	DHA - 7.6mg/100ml AA - 7.6mg/100ml	DHA - 17mg/100ml AA - 1mg/100ml	DHA - 13.6mg/100ml AA - Nil
 Short-chain fatty acids, enzymes, peptides, cell surface proteins	Varies	Nil (Present in liquid formulations only)	Yes (28% fermented dairy-based blend)	Nil	Nil	Nil	Nil

* 2'-Fucosyllactose

** short-chain Galacto-oligosaccharides / long-chain Fructo-oligosaccharides

† Lacto-n-Neotetraose

‡ Galacto-oligosaccharides

References:

1. Aptamil Profutura Follow On Milk Datacard [2020], Available at: <https://www.nutricia.co.uk/hcp/pim-products/aptamil-profutura-follow-on-milk-powder.html> [Accessed: April 2021].
2. Aptamil Follow On Milk with Pronutra™ ADVANCE Datacard [2020], Available at: <https://www.nutricia.co.uk/hcp/pim-products/aptamil-follow-on-milk-with-pronutra-advance-powder.html> [Accessed: April 2021].
3. Cow & Gate Follow On Milk Datacard [2020], Available at: <https://www.nutricia.co.uk/hcp/pim-products/cow-gate-follow-on-milk-powder.html> [Accessed: April 2021].
4. SMA Advanced Follow On Milk Datacard [2020], Available at: https://www.smahcp.co.uk/sites/default/files/2020-11/ZTC4835_Advanced_FOM%20datacard_%28FSAI-changes%29_01-2020.pdf [Accessed: April 2021].
5. SMA Pro Follow On Milk Datacard [2020], Available at: <https://www.smahcp.co.uk/sites/default/files/2020-11/ZTC4747-sma-pro-fom-datacard-06-2020.pdf> [Accessed: April 2021].
6. Hipp First Follow On Milk Datacard [2020], Available at: https://www.hipp4hcps.co.uk/fileadmin/media_hcp/pdf/HIPP_follow_on_milk_powder_datacard_030320_01.pdf [Accessed: April 2021].

IMPORTANT NOTICE: Breastfeeding is best. Follow-on milk should only be used as part of a mixed diet and not as a breastmilk substitute before 6 months. Use on the advice of a healthcare professional.