




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

	Breastmilk	Aptamil Profutura First Infant Milk <sup>1</sup>	Aptamil First Infant Milk <sup>2</sup>	Cow and Gate First Infant Milk <sup>3</sup>	SMA Advanced First Infant Milk <sup>4</sup>	SMA Pro First Infant Milk <sup>5</sup>	Hipp Organic First Infant Milk <sup>6</sup>
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 a blend of scGOS/ lcFOS and 3'-GL***	8g/L scGOS/lcFOS**	1.4g/L 2'-FL* LnNT <sup>†</sup>	1g/L 2'-FL*	3g/L GOS <sup>‡</sup>
 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

\*\*\* a blend of short-chain Galacto-oligosaccharides / long-chain Fructo-oligosaccharides and 3'-Galactosyllactose. 3'-GL is produced by our unique process.

<sup>†</sup> Lacto-n-Neotetraose

<sup>‡</sup> 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](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](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.**