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(54) Title: MILK OLIGOSACCHARIDE-GALACTOOLIGOSACCHARIDE COMPOSITION FOR INFANT FORMULA CONTAINING THE SOLUBLE OLIGOSACCHARIDE FRACTION PRESENT IN MILK, AND HAVING A LOW LEVEL OF MONOSACCHARIDES, AND A PROCESS TO PRODUCE THE COMPOSITION

(57) Abstract: The invention discloses an oligosaccharide mixture derived from cow's milk that can be easily spray dried comprising (a) a soluble oligosaccharide population which is the same as that of soluble oligosaccharides found in cow's milk and (b) β -galactooligosaccharides formed by the action of β -galactosidase on lactose and the milk oligosaccharides. The mixture having a total monosaccharide content of less than 5% w/v and a lactose:oligosaccharide ratio of less than 20. A process for obtaining such a mixture, which includes a nanofiltration step, is disclosed. Nutritional compositions, especially infant formula, comprising said oligosaccharide mixture are also disclosed.

