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(54) Title: NUTRITIONAL COMPOSITIONS FOR HUMAN CONSUMPTION AND METHODS FOR MAKING SAME

(57) Abstract: A synthetic nutritional composition for human consumption is described comprising a whey protein concentrate from bovine milk, wherein the whey protein concentrate comprises: a milk fat content of between 6.5 to 10.0wt%, wherein the milk fat contains components of milk fat globule membranes that provide at least 7mg/g of sphingomyelin to the whey protein concentrate; and wherein the majority of the sphingomyelin in the synthetic nutritional composition is provided by the components of the milk fat globule membranes of the whey protein concentrate. Methods of making same are also described.

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