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MINERAL COMPLEXES OF LACTOBIONIC ACID AND METHOD OF USING FOR MINERAL FORTIFICATION OF FOOD PRODUCTS

ABSTRACT

Mineral complexes, especially calcium complexes, of lactobionic acid
5 which are especially useful for mineral fortification of food and beverage
products are provided. The preferred calcium complex of lactobionic acid
provided in the present invention delivers a soluble, stable, clean tasting
calcium source suitable for calcium fortification of a wide variety of food and
beverage products. The mineral complexes are prepared by mixing
10 lactobionic acid, a mineral source, (e.g., mineral hydroxide), and an edible
acid (e.g., citric acid) in an aqueous solution.

Fig 1 Panel A



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