FORMULATION FOR IMPROVING SWEETNESS OF THE RARE SUGARS WITHOUT ALTERING THE TEXTURE AND FLAVOUR AND TO THE METHOD THEREOF

ABSTRACT:

Disclosed herein is a formulation comprising sweet protein with carbohydrate and/ or non-carbohydrates for improving the sweetness without changing the texture and flavours of said rare sugars and to the method for improving the sweetness of the rare sugars. More particlularly, the present invention discloses method for improving the sweetness of the rare sugars without changing the sweetness profile, texture and flavours of the primary sugars. The present inverntion further discloses addition of Brazeein with Liquid Rare sugars before crystallization or at pre carmalization stage or post caramalization stage of rare sugars at different tempertures during the synthesis of rare sugars to increase the sweetness. Brazzein increases the the sweetness of Rare sugars but not limited to D-Allulose, D-tagatose, D-Allose, Isomaltulose, Trehalulose, Sorbose, Turanose, Leucrose etc.