



Product Name: VitaSugar™ VS-120 (Syrup)

Product Profile:

- VitaSugar™ VS-120 Syrup is a blend of VitaSugar™-IMO and high intensity natural sweetener. It has relative sweetness equal to 120% of sucrose. The target use is as a direct substitution for HFCS-90 (high-fructose corn syrup with 90 % fructose & 10% glucose; sweeter than the sucrose) in product recipes to provide 75% reduced calorie formulation product due to IMO having only ~25% of the calories of sucrose, and VitaSugar's soluble fibre providing the mouth feel and texture.
- VitaSugar™ VS-120 (Syrup) is FDA-GRAS and Health Canada approval for use as a food ingredient throughout the entire spectrum of food and beverage applications.
- Our IMO products are Kosher and Halal certified.
- VitaSugar™ VS-120 (Syrup) is a transparent clear or pale yellow colored high density syrup with 100% solubility.
- VitaSugar™ VS-120 (Syrup) has a relative sweetness equal to ~120% of sucrose.
- Our natural manufacturing process controls the glucose chain lengths (degree of polymerization; DP) and the linkages $\alpha(1-6)$ to ensure consistent high levels of isomalto-oligosaccharide (IMO) concentration from alternate starch sources.
- VitaSugar™ VS-120 (Syrup) is a natural prebiotic fiber sweetener providing low calorie, non-cariogenic (anti-dental cavities) sweetness and soluble prebiotic dietary fiber for human digestive health.
- VitaSugar™ VS-120 (Syrup) has dried solid contents up to 75% with 99.5% carbohydrates, and having dietary fiber contents of $\geq 91\%$. The free glucose content is $\leq 5\%$.
- VitaSugar™ VS-120 (Syrup) is free of Gluten and other allergens.
- This product is stable to a wide range of pH and heat conditions, thus suitable for variety of beverages and baking applications.



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