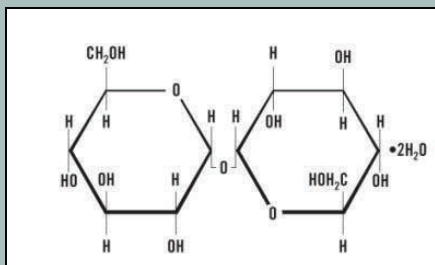


# TREHALOSE

*NutriScience Innovations, LLC provides research-based, innovative ingredients for the dietary supplements and functional foods markets. We offer a broad-based portfolio of ingredients to meet your needs.*



## NutriScience Innovations, LLC

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Trehalose is a naturally occurring disaccharide that is found in both plant and animal sources typically consumed as part of a regular diet. It is a non-reducing, multi-functional sugar that can be used to enhance the functionality and stability of foods, dietary supplement and cosmetics.

### FUNCTIONAL BENEFITS

Trehalose is highly stable and beneficial in protecting against damage caused by freeze and thaw cycles, moisture, discoloration (due to maillard reaction) and general degradation. Trehalose can be used to improve the quality and nutritional aspects of food and beverages by helping to stabilize Vitamins C & E, increasing the solubility of calcium, the retention of magnesium and reducing unpleasant tastes and odors caused by amines, aldehydes and sulfides. In cosmetic applications Trehalose has been shown to protect skin and hair from dehydration and reduce body odors caused by fatty acids.

### METABOLIC BENEFITS

Trehalose may be beneficial in reducing symptoms associated with Metabolic Syndrome. Trehalose is metabolized in the body in the same manner as other disaccharides but causes lower elevation of blood glucose and insulin concentrations in comparison to glucose.

### Applications:

- Foods
- Beverages
- Confectionary
- Dietary Supplements
- Cosmetics

### SAFETY

Trehalose is GRAS (Generally Recognized As Safe) for use in food and beverages.

### NutriScience Innovations, LLC

offers friendly, efficient service.

We will work hard to accommodate your individual needs!

"These statements have not been evaluated by the FDA. This product is not intended to diagnose, treat, cure, or prevent any disease."