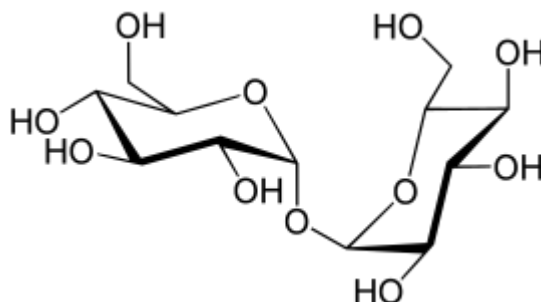


Technical Data Sheet

SFG Trehalose

Trehalose
CAS# 6138-23-4



Description

SFG Trehalose is a natural sugar presented in many living organisms such as plants, fungi, bacteria and invertebrates. SFG Trehalose does not contain any animal ingredient, did not conduct any animal tests. Because of its great performance of conditioning and moisturizing, it is widely used in cosmetics for skin care purpose.

Specifications

Item	Specification
Appearance	White powder
optical rotation $[\alpha]_D^{20}/(^{\circ})$	+ 197° ~ + 201°
assay (%)	≥ 99.0
pH	5.0~6.7
Residue on ignition	≤ 0.02%
Loss on drying	≤ 1.0 %
Chromaticity	≤ 0.100
Turbidity	≤ 0.05
Lead (Pb)	≤ 0.1 mg/kg
Arsenic (As)	≤ 0.1 mg/kg
Total microbial Count,	≤ 100 cfu/g
Molds and Yeasts	≤ 100 cfu/g
Coliforms, (MPN)/100g	Negative
Salmonella	Negative

Function

- Moisturizing
- Skin Conditioning
- Anti-Oxidant

Application

Cosmetics

Used for a skin tonic and cream.

Used for an eye cream.

Used for hair conditioner.

Storage

Keep in dry place at an ambient temperature.

Shelf Life

30 months