

TECHNICAL DATA SHEET

INCI Name: Trehalose

CAS NO.: 6138-23-4

Chemical Structure: $C_{12}H_{22}O_{11} \cdot 2H_2O$

Trade Name: Yeser® Trehalose

Product Specifications:

Test Item	Specification	Test Method
Appearance (25°C)	White crystalline powder	By eye
Main content, %	≥98.0	GB/T 23529
pH value (30% aqueous solution, 25°C)	5.0~6.7	GB/T 23529
Scorch residue, %	≤0.05	GB/T 23529
Weight loss on drying, %	≤1.5	GB/T 23529
Color in solution	≤0.100	GB/T 23529
Turbidity	≤0.05	GB/T 23529

Product Features:

- 1) It is a non-reducing sugar that is very stable at extreme pH and temperature.
- 2) It is highly soluble and has excellent moisturizing and protein-protective properties when used in skin and hair care products.
- 3) It has the ability to inhibit the degradation of fatty acids to produce volatile aldehyde formation, thereby extending the life of the product.
- 4) Trehalose is a natural protector that helps skin and hair maintain their natural structure.

Dosage:

The recommended dosage is 0.1%~10.0%.

Package:

In 25kg kraft paper bags

Shelf life:

Sealed, stored in a dry and ventilated place, the shelf life is 12 Months.

