

SpecKare® TRHL02



Product Code: 120005
INCI Name: Trehalose
CAS NO: 6138-23-4

Propertie

- Low molecular mass, it can be absorbed easily by skin, it can protect skin from damage, improve skin antidesiccation and freezing tolerance ability .
- Trehalose to the cell surface to form a layer of special protective film, maintaining the original skin nutrition effective against skin aging and moisture to avoid sunburn and melanoma precipitation; precipitated mucus from the membrane can be mild moisturizing the skin, so skin sparkling, shiny, soft.
- Radiation-proof effect, OH scavenging activity.
- It can inhibit fatty acid decomposition, so it can used in products that prevent body odor.
- Trehalose can inhibit the denaturation of protein, it can keep protein(SOD) and peptides activity.



Specification

Appearance	White powder
Identification	Comply with the standard
Assay(%)	≥98.0
Loss on drying(%)	≤1.5
Residue on ignition(%)	≤0.05
Chromaticity	≤0.100
Turbidity	≤0.05
Optical rotation D ₂₀	+197°~+201°
pH	5.0-6.7
Lead(Pb mg/kg)	≤0.5
As(mg/kg)	≤0.5
Total microbial count(cfu/g)	≤300
Molds and Yeasts(cfu/g)	≤100
Coliforms(MPN/100g)	Negative
Salmonella	Negative

Application:

It can be used in any formulation, cream, lotion, mags, ess ence, powder, shampoo, face cleaner, lipstick, oral clean etc.

Recommend dosage:

1-10%.

Package:

20kg/Bag.

Storage:

Store in a cool, dry, well-ventilated area. Store away from direct sunlight. Keep humidity below 90%.

Shelf life:

30 months.