

TECHNICAL DATA SHEET

INCI Name: Glycerin

CAS NO.: 56-81-5

Chemical Structure: C₃H₈O₃

Trade Name: Yeser® GLY997

Product Specifications:

Test Item	Specification	Test Method
Appearance (25°C)	Colorless clear liquid	By eye
Odor	Odorless	By smell
Color (APHA)	≤10	ASTM D1209
Assay content, %	99.0~101.0	USP 41
Residue on ignite, %	≤0.01	USP 41
Moisture content, %	≤0.5	ISO 760
Glycerin content, %	≥ 99.7	ESM-TM-QC-003
Ethylene Glycol content, %	≤0.1	USP 41
Diethylene Glycol content, %	≤0.1	USP 41
Chlorides content, ppm	≤10.0	USP 41
Sulphates content, ppm	≤20.0	USP 41
Chlorinated Compounds content, ppm	≤30.0	USP 41
Fatty Acid & Ester content, 0.5 N NaOH/100 gr	≤1.0	USP 41
Total Impurity content, %	≤1.0	USP 41

Product Features:

- 1) USP Standard executed, super high purity.
- 2) Excellent moisturizing effect, can provide high-efficient moisturizing effect to skin care products.
- 3) Can penetrate into the cuticle, increase skin moisture, relieve dryness, increase skin elasticity, and provide a pleasant feeling.
- 4) Compatible with most of the cosmetic ingredients and has a wide range of pH application.



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Dosage:

The recommended dosage is 1.0%~10.0%.

Package:

In 200KG iron drums or 1000KG IBC tanks or Flexibags

Shelf Life:

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

