



TDS – Glycerin (Glycerol)

Product Description

Glycerin is a high-purity, colorless, odorless, viscous liquid used as a humectant, solvent, and stabilizer in pharmaceutical, cosmetic, food, and industrial formulations.

Typical Technical Specifications (USP Grade)

Parameter	Specification	Test Method
Glycerol Content	≥ 99.0 %	USP 38
Moisture Content	≤ 1.0 %	Karl Fischer
Specific Gravity (25/25 °C)	≥ 1.250	Density Meter
Color (APHA)	≤ 10	AOCS Ea 9-65
Residue on Ignition	≤ 0.01 %	USP 38
Chloride	≤ 30 ppm	USP 38
Sulphate	≤ 20 ppm	USP 38
Heavy Metals (Pb)	≤ 5 ppm	USP 38
Diethylene Glycol	≤ 1.0 %	USP 38

Cosmetic Grade Glycerin (Typical)

Parameter	Specification
Purity	≥ 99.2 %
Moisture	≤ 0.6 %
Color (APHA)	≤ 10
DEG	≤ 0.1 %



Food Grade Glycerin (Typical)

Parameter	Specification
Purity	≥ 99.5 %
Moisture	≤ 0.5 %
Food Compliance	USP / FCC

Packaging

- Plastic drums
- Steel drums
- IBC tanks
- Bulk tankers

Storage & Shelf Life

- **Storage:** Cool, dry place, sealed container
- **Shelf Life:** 24 months under proper conditions