



## USP Glycerin

**Product Description:** USP Glycerin is an excipient product derived from vegetable source material, including soy. This product is manufactured under the IPEC GMP requirements in conjunction with FSSC 22000 and meets the composition standards for glycerin set forth in the current United States Pharmacopeia/National Formulary and the Food Chemical Codex. As an excipient ingredient produced under IPEC GMP requirements, USP Glycerin is not intended to be used as an active pharmaceutical ingredient or for specialist applications, such as parenteral, ocular, inhalation, open wound use, applications that require sterile and/or pyrogen free excipients.

**Application:** Personal care, toothpaste, food, industrial

### Typical Chemical / Physical Properties

	Typical Value	Based on Method
Appearance	Pass	Visual
Odor	Odorless	ASTM
Identification A by IR	Pass	USP
Identification B by GC	Pass	USP
Identification C by GC	Pass	USP
Related Compounds	Pass	USP
Residual Solvents	Pass	USP
Chloride (ppm)	10 ppm max (Pass)	USP
Chlorinated Compounds (ppm)	30 ppm max (Pass)	USP
Color	10.0 max	APHA
Diethylene Glycol (%)	<0.10% (Pass)	USP
Ethylene Glycol (%)	<0.10% (Pass)	USP
Fatty Acid & Ester (ml of 0.5N NaOH)	1.0 max	USP
Glycerin Concentration (%)	99.7-101.0	USP
Heavy Metals as Pb (ppm)	5 ppm max (Pass)	USP
Moisture (%)	0.3% max	USP Method I
Residue on Ignition (ppm)	100 ppm max	USP
Specific Gravity @ 25°C	1.2610 min	USP (Densitometer)
Sulfate (ppm)	20 ppm max (Pass)	USP

**Storage and Handling:** Should be stored under dry and arid conditions to prevent exposure to moisture.

### Regulatory Information

NFPA Code	1-1-0	United States, TSCA	Listed
HMIS Code	1-1-0	Canada, DSL	Listed
DOT Classification	Not Regulated		

### Features

Kosher Certified  
Halal Certified

Revision Date: 01/08/2015

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