

Glycerine 99.7% USP Kosher

INCI Name: Glycerine

CAS Numbers: 56-81-5

Description:

Glycerol is an organic compound, also called glycerin or glycerine. It is a colorless, odorless, viscous liquid that is widely used in pharmaceutical formulations. Glycerol has three hydrophilic hydroxyl groups that are responsible for its solubility in water and its hygroscopic nature. The glycerol substructure is a central component of many lipids. Glycerol is sweet-tasting and of low toxicity.



Technical Data:

PARAMETERS	SPECIFICATION	TEST METHOD
USP Reference Standards	USP36/NF31	USP36/NF31
Glycerine on Anhydrous Basis, %	99.0 – 101.0	USP36
Glycerol Content, %	99.7 min	USP36
Identification	Meets Identification A, B and C	USP36
Identification A:		
▪ Infrared Absorption	To Conform to USP36	USP 36/NF31 <197>
Identification B:		
Diethylene & Ethylene Glycol Impurities:	To Conform to USP36	USP36
▪ Diethylene Glycol (DEG), %	0.1 max	USP36
▪ Ethylene Glycol (EG), %	0.1 max	USP36
Related Compounds:	To Conform to USP36	USP36
▪ Any Individual Impurity %	0.1 max	USP36
▪ Total Impurities, %	1.0 max	USP36
Identification C	To Conform to USP36	USP36
Specific Gravity @ 25°C	1.2613 min	USP36 <841>
Color	To Conform to USP36	USP36
Color, APHA	10 max	AOCS Ea9-65
Residue on Ignition, %	0.01 max	USP36 <281>
Water Content, %	0.3 max	USP36 <921> Method I
Chloride, ppm	10 max (0.001%)	USP36 <221>
Sulfate, ppm	20 max (0.002%)	USP36 <221>
Heavy Metals, ppm	5 max (0.0005%)	USP36 <231>
Arsenic, ppm	1.5 max	Supplier
Limit of Chlorinated Compounds, ppm	30 of Cl max (0.003 %)	USP36
Fatty Acids and Esters, mL	1.0 max	USP36
Residual Solvents	Conforms to USP36 requirements	USP36 <467> Method IV



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