

Refined Glycerine 99.7% USP Grade

Parameters	Test Method	Specification	Typical Result
Glycerin, % Assay ($C_3H_8O_3$, calculated on the anhydrous basis)	USP-NF 2023	99.0 - 101.0	99.89
Water Content, % w/w	USP-NF 2023	0.3 max	0.11
Specific Gravity @ 25°C	USP-NF 2023	1.249 min	1.2617
Color	USP-NF 2023	Passed	Passed
Residue on Ignition, %	USP-NF 2023	0.01 max	<0.01
Chlorides, ppm	USP-NF 2023	10 max	<10
Sulphates, ppm	USP-NF 2023	20 max	<20
Limit of Chlorinated Compounds, ppm	USP-NF 2023	30 max	<30
FA & E as ml of 0.5N NaOH max	USP-NF 2023	1 max	0.5 ml of 0.5N NaOH was consumed
Identification - A (Infrared Spectroscopy <197F>) - B (Limit of Diethylene Glycol & Ethylene Glycol) - Diethylene Glycol, % - Ethylene Glycol, % - C (RT of Glycerine's peak)	USP-NF 2023	Passed 0.1 max 0.1 max Meet test requirement	Passed <0.025 <0.025 Meet test requirement
Related Compounds - Individual impurities (Excluding any solvent peak & diethylene glycol), % - Total Impurities, %	USP-NF 2023	0.1 max 1.0 max	All the individual impurities are <0.1 <1.0
Glycerol, %	APAG-GL-008	99.7 % min	99.89
Color, APHA	AOCS Ea 9-65 : 1997	10 max	5
Arsenic, ppm	AAS	1.5 max	<0.1
Heavy Metals (as Pb), ppm	USP <231>	5 max	<5