

PRODUCT: REFINED GLYCERINE
BRAND: MELTY
PRODUCT CODE: MEL-GLYC – M

MELTY

Parameter	Method	Specification	Test Result
Glycerin, % Assay (C ₃ H ₈ O ₃ , calculated on the anhydrous basis)	USP 39	99.0 - 101.0	99.89
Water Content, % w/w	USP 39	5.0 max	0.11
Specific Gravity @25°C	USP 39	1.249 min	1.2617
Residue on Ignition, %	USP 39	0.01 max	<0.01
Chlorides, ppm	USP 39	10 max	<10
Sulphates, ppm	USP 39	20 max	<20
Heavy Metals (as Pb), ppm	USP 39	5 max	<5
Limit of Chlorinated Compounds, ppm	USP 39	30 max	<30
FA & E as ml of 0.5N NaOH max	USP 39	1 max	0.5 ml of 0.5N NaOH was consumed
Identification			
- A (IR)	USP 39	Passed	Passed
- B (Limit of Diethylene Glycol & Ethylene Glycol)			
- Diethylene Glycol, %	0.1 max		<0.025
- Ethylene Glycol, %	0.1 max		<0.025
- C (RT of Glycerine's peak)	Meet test requirement		Meet test requirement
Related Compounds	USP 39		
- Individual impurities (Excluding any solvent peak & diethylene glycol), %		0.1 max	All the individual impurities are <0.1
- Total Impurities, %		1.0 max	<1.0
Glycerol, %	APAG-GL-008	99.7 % min	99.89
Color, APHA	AOCS Ea 9-65:1997	10 max	5
Arsenic, ppm	USP 32 <231>	1.5 max	<0.1



Non-GMO



RSPO



HALAL



KOSHER



ISO