



## SPECIFICATION REFINED GLYCERINE

Refined Glycerin, is a simple triol compound. It is a colorless, odorless, viscous liquid that is sweet-tasting and non-toxic.

Test Parameter	Unit	Method	Specifications		Results
			min	max	
Identification A: IR Identification	%wt	USP42	Pass		Pass
Identification B: Diethylene glycol Ethylene glycol	%wt %wt			0.1 0.1	< 0.1 < 0.1
Identification C: Glycerine confirmation	%wt		Pass		Pass
Glycerine	%wt		99.0	101.0	99.8
Chloride	ppm			10	< 10
Sulphate	ppm			20	< 20
Residue on ignition	% wt			0.01	0.004
Organic impurities, Related compo- und Individual Impurities Total Impurities	%wt %wt			0.1 1.0	< 0.1 < 1.0
Limit Chlorinated Compound	ppm			30	< 30
Fatty Acids & Esters (mL 0.5 NaOH)	mL			1	0.6
Specific Gravity, SG @ 25/25 °C				1.249	1.2617
Water	% wt			0.3	0.064
Colour				Not darker than colour standard	
Color APHA	-	AOCS Ea 9-65		10	< 5
Arsenic	ppm	ICP-OES		1.5	< 0.20
Heavy Metals (as Pb)	ppm	ICP-OES		5	< 5
Appearance	-	-	Colorless, clear		Colorless, clear