



Glycerol

TESTS	RESULTS	PRESCRIBED
DESCRIPTION	Complies	A clear, colourless hygroscopic viscous liquid.
MISCIBILITY	Complies	Miscible with water, ethanol and methanol. Slightly soluble in acetone and ether.
GUARANTEE ANALYSIS		
ASSAY	99.87%	NLT 99.5 %
WEIGHT PER ML AT 20°C	1.257 g	1.257 - 1.261 g
REFRACTIVE INDEX AT 20°C	1.4710	1.471 - 1.473
pH (10 % aqueous solution)	6.66	6.0 - 7.0
MAXIMUM LIMITS OF IMPURITIES		
RESIDUE AFTER IGNITION	0.0049%	0.01%
CHLORIDE(Cl)	< 0.0001%	0.0001%
SULPHATE(SO4)	< 0.0005%	0.0005%
AMMONIUM(NH4)	< 0.0005%	0.0005%
ARSENIC(As)	< 0.00004%	0.00004%
LEAD (Pb)	Not detected	0.00005%
COPPER(Cu)	0.000011%	0.00005%
IRON(Fe)	0.0000023%	0.00005%
FATTY ACIDS	Complies	Passes test
ESTERS OF VOLATILE FATTY ACIDS	< 0.025%	0.025%
ORGANIC IMPURITIES	Complies	Passes test
REDUCING SUBSTANCES	Complies	No reaction
SUGARS	< 0.004%	0.004%
SUBSTANCES DISCOLOURED BY H2SO4	Complies	Passes test

The material complies as per above specification

