

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **Glycerol**
 Specifications & Purity: PharmPure™, USP, JP, BP, Ph.Eur.
 SKU # **G774622**

Parameter	Limit Values
Appearance(G774622)	clear, colourless or almost colourless, very hygroscopic, syrupy liquid
Solubility: miscible with water and with ethanol (96 per cent), slightly soluble in acetone, practically insoluble in fatty oils and in essential oils	Pass
Assay(Anhydrous Basis)	99-101 (%)
Identity(Refractive index)	Pass
Identity (IR)	passes test
Identity(Relative density)	Pass
Identity Test B (USP)	Pass
Identity Test C (USP)	Pass
Appearance of solution	Passes test
Acidity or alkalinity	passes test
Refractive index n ₂₀ /D	1.47-1.475
Aldehydes	0-10 (ppm)
Fatty acids and esters	Pass
Impurity(diethylene glycol)	≤0.1 (%)
Related substances(any other impurity)	≤0.1 (%)
Related substances(total of all impurities)	≤0.5 (%)
Halogenated compounds	≤35 (ppm)
sugar	pass
Water by Karl Fischer	0-2 (%)
Residue on ignition(Ash)	0-0.01 (%)
Chloride (Cl ⁻)	0-0.001 (%)
Sulfate(SO ₄)	0-0.002 (%)
Specific gravity 25 °C	≥ 1.249
Acrolein and ammonium salts	Pass
Heavy metals	0-2 (ppm)
Calcium(Ca)	Pass
Arsenic(As)	0-0.3 (ppm)
Readily carbonizable substance	pass
Iron(Fe)	0-0.001 (%)