



# Product Specification

## Product Name: GLYCERINE BP

Alternate Name(s) Glycerol; 1,2,3-propanetriol; trihydroxypropane; glycerin; glycylic alcohol.

### Description

Clear colourless syrupy liquid; odourless; sweet taste; hygroscopic. Derived from Vegetable oil.

### Properties

Chemical Formula:  $C_3H_8O_3$

Molecular Weight: 92.09

Product Code: GP010

CAS No. 56-81-5

### General Information:

Soluble in alcohol and insoluble in ether, benzene and chloroform. Combustible, may explode upon contact with strong oxidizing agents. About 0.6 times as sweet as cane sugar.

### Hazard and Safety Data

UN Group: None Allocated

Class: None Allocated

UN Number: None Allocated

Hazchem code: None Allocated

CS MSDS Code: 1CH30

Poison schedule: Not Scheduled

Emergency

Procedure Guide No.: N/A

### Quality Specification

Assay: 98.0 - 101.0%

### Specific Properties and Impurities [Typical levels]:

Identifications	Passes BP Test
Appearance of solution	Passes BP test
Water (H <sub>2</sub> O)	≤ 2.00%
Heavy Metals	≤ 0.0005%
Acidity or alkalinity	≤ 0.20 ml
Refractive Index (20°C)	1.4700-1.4750
Aldehydes	≤ 0.001%
Esters (0.1N HCl)	≥ 8.00 ml
Halogenated Compounds	≤ 0.0035%
Sugars	Passes BP Test
Chloride (Cl)	≤ 0.001%
Sulfated ash	≤ 0.0100%
Impurity A and Related Substances	Passes BP Test

CONFORMS TO BP

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