



## Glycerol

Cell Culture Tested

**Product Code: TC503**

### Product Description:

Molecular formula:  $C_3H_8O_3$

Molecular weight: 92.09

CAS No.: 56-81-5

Synonym: 1,2,3-Propanetriol

### Storage and Shelf Life:

Store below 30°C.

Shelf life is 48 months.

Use before expiry date given on the product label.

### Quality Control:

#### Appearance

Clear colorless syrupy hygroscopic viscous liquid.

#### Solubility

1 ml miscible in 1 ml of water.

#### FTIR

Matches with the standard pattern

#### Refractive index (n 20/D)

1.470 - 1.475

#### Density (at 25°C)

1.250 - 1.260 g/ml

#### Water (K.F.)

NMT 2.00%

#### Assay (NaOH Titration/GC)

98.00 - 102.00 %

#### Cell Culture Test

Passes

#### Disclaimer :

Revision: 05/2025

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