Pharmaceutical raw material

# Glycerin (glycerol)

Polyols

**CAS 56-81-5**



Material illustration

## Substance identity

A trihydric alcohol. Water affects the concentration and viscosity of commercial material. Specify the required glycerol mass fraction.

| Property | Reference value | Method or source |
|---|---|---|
| CAS number | **56-81-5** | PubChem |
| Chemical formula | **$C_3H_8O_3$** | PubChem |
| Molar mass | **92.09 g/mol** | PubChem |

For acceptance, check the agreed specification and the certificate of analysis (COA) for the delivered lot.



## Applications

A viscous, hygroscopic liquid that helps retain moisture and contributes to the consistency of syrups and semi-solid formulations. Concentrated glycerin and an aqueous grade introduce different amounts of water.



## Purchasing criteria

State the mass fraction of glycerol and the basis on which assay is reported. Specify controls for ethylene glycol and diethylene glycol, the pack size and whether the material must be pumpable at the receiving temperature.

**Technical reference**

PubChem