

## Certificate of Analysis

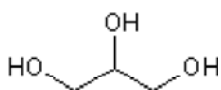
[www.tocris.com](http://www.tocris.com)

**Product Name:** Glycerol  
CAS Number: 56-81-5  
IUPAC Name: 1,2,3-Propanetriol

**Catalog No.:** 5220      **Batch No.:** 6  
**EC Number:** 200-289-5

### 1. PHYSICAL AND CHEMICAL PROPERTIES

**Batch Molecular Formula:** C<sub>3</sub>H<sub>8</sub>O<sub>3</sub>  
**Batch Molecular Weight:** 92.09  
**Physical Appearance:** Colourless liquid  
**Solubility:** water to 1000 mM  
**Storage:** Store at RT  
**Batch Molecular Structure:**



### 2. ANALYTICAL DATA

Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use

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## Product Information

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**Product Name:** Glycerol

CAS Number: 56-81-5

IUPAC Name: 1,2,3-Propanetriol

**Catalog No.:** 5220

**Batch No.:** 6

EC Number: 200-289-5

**Description:**

Widely used in sample buffer preparation.

**Physical and Chemical Properties:**

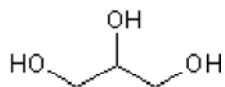
Batch Molecular Formula: C<sub>3</sub>H<sub>8</sub>O<sub>3</sub>

Batch Molecular Weight: 92.09

Physical Appearance: Colourless liquid

**Minimum Purity:** ≥99%

**Batch Molecular Structure:**



**Storage:** Store at RT

**Solubility & Usage Info:**

water to 1000 mM

**Stability and Solubility Advice:**

Some solutions can be difficult to obtain and can be encouraged by rapid stirring, sonication or gentle warming (in a 45-60°C water bath).

Information concerning product stability, particularly in solution, has rarely been reported and in most cases we can only offer a general guide. Our standard recommendations are:

**SOLIDS:** Provided storage is as stated on the product label and the vial is kept tightly sealed, the product can be stored for up to 6 months from date of receipt.

**SOLUTIONS:** We recommend that stock solutions, once prepared, are stored aliquoted in tightly sealed vials at -20°C or below and used within 1 month. Wherever possible solutions should be made up and used on the same day.

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