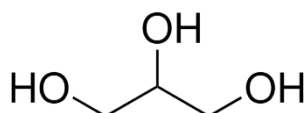


## Product Specification

Product Name:

**Glycerol, meets USP testing specifications, PurReagent, 99.0 - 101.0 %**

Product No.: PSR50413  
Brand: PureSynth  
CAS No.: 56-81-5  
Molecular Formula: C<sub>3</sub>H<sub>8</sub>O<sub>3</sub>  
Molecular Weight: 92.10 g/mol



| Test                        | Specification                     |
|-----------------------------|-----------------------------------|
| Appearance                  | Colorless Viscous Liquid          |
| Assay (on anhydrous basis)  | 99.0 - 101.0 %                    |
| Identification A by IR      | Conforms to structure             |
| Identification B            | Complies                          |
| Color                       | Complies                          |
| Water (By KF)               | NMT 5.0 %                         |
| Specific Gravity (at 25 °C) | NLT 1.249                         |
| Residue on ignition (Ash)   | NMT 0.01 %                        |
| Chloride (Cl)               | NMT 0.001 %                       |
| Sulfate (SO <sub>4</sub> )  | NMT 0.002 %                       |
| Heavy metals                |                                   |
| Chlorine Compounds          | NMT 0.003 %                       |
| Fatty Acid and Esters       | NMT 1 ml of 0.5N NaOH is consumed |
| Related Compounds           |                                   |
| A) Total Impurities         | NMT 1.0 %                         |
| B) Any individual impurity  | NMT 0.1 %                         |

Specification: PR-1.0-QA/301

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For queries on this Specifications, please contact our technical team at [technical@pure-synth.com](mailto:technical@pure-synth.com)