

**Product Name:** Glycerol, ACS, 99.5+%, Thermo Scientific Chemicals  
**Catalog Number:** 036646.M1

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**CAS Number:** 56-81-5  
**IUPAC Name:** propane-1,2,3-triol  
**Molecular Formula:** C<sub>3</sub>H<sub>8</sub>O<sub>3</sub>  
**Molecular Weight:** 92.09  
**InChI Key:** PEDCQBHIVMGVHV-UHFFFAOYSA-N  
**SMILES:** OCC(O)CO  
**Synonym:** glycerol incorporation factor glycerin, synthetic MOON caswell no. 469 glycerin, anhydrous grocolene tryhydroxypropane synthetic glycerine dagralax

## Product Specification

**Residual water:** ≤0.5%  
**Heavy Metals:** (as Pb): ≤2ppm  
**Residue on ignition:** ≤0.005%  
**Impurity content:** Acrolein and glucose: Passes Test  
**Impurity content:** Chlorinated compounds (as Cl): ≤0.003%  
**Impurity content:** Fatty acid esters (as butyric acid): ≤0.05%  
**Impurity content:** Substances darkened by sulfuric acid: Passes Test  
**Impurity content:** Sulfate: ≤0.001%  
**Color (APHA):** 10  
**Assay from Suppliers CofA:** ≥99.5%  
**Assay (special):** Neutrality: Passes Test

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**Date Of Print:** 05/16/2024

*Product Specifications are subject to amendment and may change over time. Data contained is accurate as of the date printed.*