

**Product Name:** Glycerol, 99+%, Thermo Scientific Chemicals  
**Catalog Number:** A16205.0D

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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

**Appearance (Color):** Clear colorless  
**Form:** Viscous liquid  
**Water Content (Karl Fischer Titration):** ≤0.5%  
**Refractive Index:** 1.4700-1.4755 @ 20°C (UK-sourced material)  
**Assay (Silylated GC):** ≥99.0% (UK-sourced material)  
**Assay from Supplier's CoFA:** ≥99.0% (US-sourced material)  
**Comment:** Material sourced in UK and US  
**Identification (FTIR):** Conforms

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**Date Of Print:** 05/17/2024

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