

**Product Name:** 2-Propanol, HPLC Grade, 99.7+%, Thermo Scientific Chemicals

**Catalog Number:** 022906.M6

**CAS Number:** 67-63-0  
**IUPAC Name:** propan-2-ol  
**Molecular Formula:** C<sub>3</sub>H<sub>8</sub>O  
**Molecular Weight:** 60.10  
**InChI Key:** KFZMGEQAYNKOFK-UHFFFAOYSA-N  
**SMILES:** CC(C)O  
**Synonym:** isopropyl alcohol alcosolve 2 alkolave caswell no. 507 alcosolve isopropyl alcohol (product) rubbing isopropyl alcohol fema number 2929 propan-2-ol (substance) isopropanolol

## Product Specification

**Appearance (Color):** Clear colorless  
**Form:** Liquid  
**Comment:** Pesticide Residue Analysis test: pass [UK]  
**Impurity content:** Heptachlor epoxide: 5ppt, max ( GC-ECD) [US]  
**Water Content (Karl Fischer Titration):** ≤0.05% [US & UK]  
**Optical Absorbance at:** 255-400nm ≥99% transmittance [UK]  
**Optical Absorbance at:** 220nm: ≤0.30AU [US]  
**Comment:** Material manufactured/sourced in either US or UK  
**Assay (GC):** ≥99.7%  
**Optical Absorbance at:** 210nm: 0.70AU [US] / ≥50% transmittance [UK]  
**Optical Absorbance at:** 225nm ≥80% transmittance [UK]  
**Optical Absorbance at:** 230nm: ≤0.15AU [US]  
**Optical Absorbance at:** 205nm: ≤1.00AU [US] / ≥10% transmittance [UK]  
**Optical Absorbance at:** 300nm: ≤0.01AU [US]  
**Residue on Evaporation:** ≤3ppm [US & UK]  
**Optical Absorbance at:** 240nm ≥95% transmittance [UK]

**Date Of Print:** 07/25/2024

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