

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

**Catalog Number:** 022906.K2

**CAS Number:** 67-63-0  
**IUPAC Name:** propan-2-ol  
**Molecular Formula:** C3H8O  
**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  
**Optical Absorbance at:** 205nm:  $\leq 1.00$ AU [US] /  $\geq 10\%$  transmittance [UK]  
**Optical Absorbance at:** 210nm: 0.70AU [US] /  $\geq 50\%$  transmittance [UK]  
**Optical Absorbance at:** 225nm  $\geq 80\%$  transmittance [UK]  
**Optical Absorbance at:** 230nm:  $\leq 0.15$ AU [US]  
**Optical Absorbance at:** 240nm  $\geq 95\%$  transmittance [UK]  
**Optical Absorbance at:** 300nm:  $\leq 0.01$ AU [US]  
**Residue on Evaporation:**  $\leq 3$ ppm [US & UK]  
**Comment:** Pesticide Residue Analysis test: pass [UK]  
**Impurity content:** Heptachlor epoxide: 5ppt, max ( GC-ECD) [US]  
**Comment:** Material manufactured/sourced in either US or UK  
**Optical Absorbance at:** 255-400nm  $\geq 99\%$  transmittance [UK]  
**Optical Absorbance at:** 220nm:  $\leq 0.30$ AU [US]  
**Water Content (Karl Fischer Titration):**  $\leq 0.05\%$  [US & UK]  
**Assay (GC):**  $\geq 99.7\%$

**Date Of Print:** 05/24/2024

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