

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
Impurity content: Heptachlor epoxide: 5ppt, max (GC-ECD) [US]
Water Content (Karl Fischer Titration): $\leq 0.05\%$ [US & UK]
Optical Absorbance at: 255-400nm $\geq 99\%$ transmittance [UK]
Optical Absorbance at: 220nm: ≤ 0.30 AU [US]
Assay (GC): $\geq 99.7\%$
Optical Absorbance at: 205nm: ≤ 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: ≤ 0.15 AU [US]
Optical Absorbance at: 240nm $\geq 95\%$ transmittance [UK]
Optical Absorbance at: 300nm: ≤ 0.01 AU [US]
Comment: Material manufactured/sourced in either US or UK
Residue on Evaporation: ≤ 3 ppm [US & UK]
Comment: Pesticide Residue Analysis test: pass [UK]

Date Of Print: 07/26/2024

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