

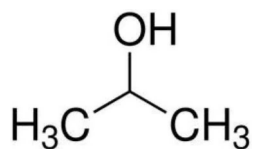
33539 *Riedel-de Haën*

2-Propanol

Puriss. p.a., ACS Reagent, Reag. ISO, Reag. Ph. Eur., ≥99.8% (GC)

Synonym(s)

sec-Propyl alcohol; IPA; Isopropanol; Isopropyl alcohol



Brand
Riedel-de Haën

UNSPSC Code
12191601

Beilstein Registry
Number
[635639](#)

CAS Numbers (All)
[67-63-0](#)

Linear Formula
(CH₃)₂CHOH

MDL Number
[MFCD00011674](#)

Molar Mass
60.11 g/mol

RTECS Number
NT8050000

Property	Value
Vapor Pressure	44 mmHg (25 °C)
Assay (GC)	Min. 99.8 %
Boiling range	81 - 83 °C
Density (D 20/4)	0.784 - 0.786
Refractive index (n 20/D)	1.3770 - 1.3780
Non-volatile matter	Max. 0.001 %
Water (Karl Fischer)	Max. 0.1 %
Free acid (as C ₂ H ₅ COOH)	Max. 0.00074 %
Free alkali (as NH ₃)	Max. 0.00017 %
Aluminium (Al)	Max. 0.00005 %
Boron (B)	Max. 0.000002 %
Barium (Ba)	Max. 0.00001 %
Bismuth (Bi)	Max. 0.00001 %
Calcium (Ca)	Max. 0.00005 %
Cadmium (Cd)	Max. 0.000005 %
Cobalt (Co)	Max. 0.000002 %
Chromium (Cr)	Max. 0.000002 %
Copper (Cu)	Max. 0.000002 %
Iron (Fe)	Max. 0.00001 %
Potassium (K)	Max. 0.00005 %
Lithium (Li)	Max. 0.00001 %
Magnesium (Mg)	Max. 0.00001 %
Manganese (Mn)	Max. 0.000002 %
Molybdenum (Mo)	Max. 0.00001 %
Sodium (Na)	Max. 0.0001 %
Nickel (Ni)	Max. 0.000002 %
Lead (Pb)	Max. 0.00001 %
Tin (Sn)	Max. 0.00001 %

Property	Value
Strontium (Sr)	Max. 0.00001 %
Zinc (Zn)	Max. 0.00001 %
APHA	Max. 10
Carbonyl compounds (as CO)	Max. 0.005 %
Carbonyl compounds (ACS)	complying
Ethanol (GC)	Max. 0.01 %
Methanol (GC)	Max. 0.1 %
KMnO ₄ reducing matter (as O)	Max. 0.0005 %
Solubility in water	complying
Peroxides (as H ₂ O ₂)	Max. 0.00034 %
Reaction against H ₂ SO ₄	complying

Properties

Property	Value
Boiling Point/Range	77-83 °C (1.013 hPa)
Certification	ACS Reagent, Reag. ISO, Reag. Ph. Eur.
Color	Colorless
Concentration	≥99.8%
Density	0.784-0.786 g/cm ³ (20 °C)
Flashpoint	12 °C
Form	Liquid
Grade	ACS General Use Solvents
Incompatible Materials	Strong oxidizing agents
Lower Explosion Limit	2 %(V)
Melting Point/Range	-90 °C
Partition Coefficient	0.05 (25 °C)
Purity Percentage	99.8
Purity Details	≥99.8% (GC)

Property	Value
Solubility	Soluble in most organic solvents
Solubility in Water	Completely miscible
Upper Explosion Limit	12 %(V)
Vapor Pressure	42 hPa (20 °C)
Viscosity	2.5 mPa.s (20 °C)
pH-Value	Neutral
Product Line	Puriss. p.a.
Storage Temperature	Ambient

Safety Information

Property	Value
GHS Classification	  GHS07-Harmful GHS02-Flammable
Precautionary Statements	Wear protective gloves/protective clothing/eye protection/face protection.;Do not breathe dust/fumes/gas/mist/vapours/spray.
Hazard Class	3
Package Group	II
UN ID	UN1219

RELATED PRODUCTS

RECOMMENDED PRODUCTS

Feedback