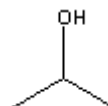


## INEOS Solvents Sales specification

### *Isopropyl Alcohol - Pharma* SAP product no: 14014

<b>Chemical name</b>	2-Propanol
<b>Synonyms</b>	Isopropanol
<b>CAS number</b>	67-63-0
<b>Index number</b>	603-117-00-0
<b>EEC number</b>	200-661-7
<b>Molecular formula</b>	C <sub>3</sub> H <sub>8</sub> O
<b>Relative molecular weight</b>	60.10



**Description** Isopropyl alcohol of min. 99.96 mass % purity  
with max. 0.1 mass % of water

### Specifications

Properties	Units	Limits	Test method
Appearance		Clear and free from suspended matter	visual
Colour	Pt-Co	max. 10	ISO 6271
Water	mass %	max. 0.1	ISO 760
Purity	mass %	min. 99.96	GC / M 595
Benzene	mg/kg	max. 1	UV Spectrometry / M 634
Total impurities apart from 2-Butanol	mass %	max. 0.04	GC / M 595
Acidity as CH <sub>3</sub> COOH	mass %	max. 0.001	ASTM D 1613
Absorbance @ 310 nm		max. 0.01	UV Spectrometry / M 634
Absorbance @ 290 nm		max. 0.02	
Absorbance @ 270 nm		max. 0.03	
Absorbance @ 250 nm		max. 0.10	
Absorbance @ 230 nm		max. 0.30	
UV curve		smooth	UV Spectrometry / M 634
Peroxides		conforms	M 500
Density @ 20°C	g/mL	0.784-0.786	ISO 12185
Relative Density (20/20)		0.785-0.789	calculated
Refractive Index n <sub>D</sub> <sup>20</sup>		1.376-1.378	ISO 5661
Non-volatile matter	mg/100 mL	max. 1	ISO 759

(Revision 9, September 2016)

The Sales Specification values are continuously checked, documented and stored within the scope of quality assurance.

## **Claims**

Isopropyl Alcohol-Pharma grade complies with the requirements published in the current monographs of the European Pharmacopoeia (EP) and US Pharmacopoeia (USP). All methods in sales specification are validated on a yearly basis against current EP- and USP-methods and requirements.

Isopropyl Alcohol (Pharma grade) is suitable for biocidal applications - own listing on article 95 list (EU 528/2012).

## **Disclaimers**

Because of the nature of our manufacturing process, our product Isopropyl Alcohol - Pharma grade does not contain any plant or animal products.

It is the responsibility of our customers to determine that their use of our product(s) is safe, lawful and technically suitable in their intended applications. Because of possible changes in law and regulations, as well as possible changes in our products, we cannot guarantee that the status of this product will remain unchanged. We, therefore, recommend that customers continuing to use our products verify their status periodically.

## **Product Safety**

For details for the safety handling of the product, please see our material safety data sheet.