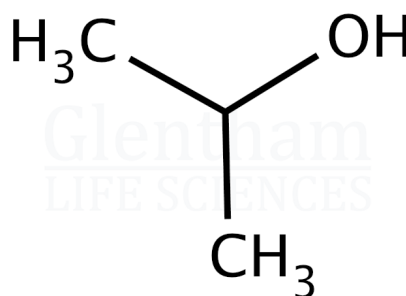


Certificate of Analysis

Product Name	Isopropanol, Ph. Eur. grade
Glenthams Code	GK9023
CAS Number	67-63-0
EINECS	200-661-7
MDL Number	MFCD00011674
Batch Number	854RUS
Molecular Weight	60.10
Molecular Formula	(CH ₃) ₂ CHOH
Storage Temp.	+20°C



Property	Specification	Batch 854RUS
Physical Description	Clear, colourless liquid	Clear, colourless liquid
Identification (IR)	To conform to standard	Conforms
Relative Density (20°C)	0.785 - 0.789	0.786
Refractive Index (20°C)	1.376 - 1.379	1.377
Water	≤ 0.5%	Conforms
Acidity or Alkalinity	To pass Ph. Eur. test	Conforms
Absorbance	230nm: ≤ 0.30	Conforms
	250nm: ≤ 0.10	Conforms
	270nm: ≤ 0.03	Conforms
	290nm: ≤ 0.02	Conforms
	310nm: ≤ 0.01	Conforms
Benzene	≤ 2ppm	≤ 1ppm
Total Impurities	≤ 0.3% (exc. 2-butanol)	Conforms
Peroxides	To pass Ph. Eur. test	Conforms
Non-Volatile Substances	≤ 20ppm	Conforms
Purity	≥ 99.94%	Conforms
Pharmacopoeia Specification(s)	Ph. Eur.	Conforms

Specification Version	v1.0
Manufacture Date	2024-01-30
Re-Test Date	2031-01-24

Glenthams Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glenthams.com or contact us using the details above for the current version of this document.

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