

CERTIFICATE OF ANALYSIS

Product Name	Isopropyl Alcohol (IPA) HPLC & UV Spectroscopy		
Synonyms	IPA, 2-propanol		
CAS No	67-63-0		
Product code	SY00121	Batch No	LISBF0403
Molecular Formula	C3H8O	Molecular Weight	60.10
Mfg. Date	Apr-26	Expiry Date	Mar-29
Storage Conditions	Store at room temperature, tightly closed container		

Test	Specification	Results
Appearance	Clear colourless liquid	Clear colourless liquid
Boiling Point	72 °C	2°C
Assay by GC	≥99.70%	99.92%
Density (g/ml) @ 20°C	0.785	0.785
Non-Volatile Matter	NMT 0.01%	0.003%
Acidity (C3H6O2)	NMT 0.0005%	0.00004%
Water (KF)	NMT 0.1%	0.08%
UV Transmittance		
Transmittance at wavelength 210 nm	Min 20%	36.96%
Transmittance at wavelength 220 nm	Min 60%	64.85%
Transmittance at wavelength 230 nm	Min 75%	82.51%
Transmittance at wavelength 240 nm	Min 85%	92.25%
Transmittance at wavelength 250 nm	Min 95%	96.75%
Transmittance at wavelength 260 nm	Min 98%	99.20%

Approved by
Dr. Gopinath PH. D

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