

F-QC-001 Rev.00

Certificate Of Analysis

Product Name : iso-Propyl Alcohol 99.5 % AR

Catalog Number : B-3045

Batch Number : 3045-00000000

CAS Number : 67-63-0

Molecular Weight : 60.10 g/mol

Mol. Formula : $(\text{CH}_3)_2\text{CHOH}$

Expire Date : 60 Months

SAMPLE

No	Test	Specifications	Results
1	Appearance	Clear colorless liquid	Clear colorless liquid
2	Assay (GC)	min 99.5 %	99.78%
3	Identity (acc.to pharmacopies)	passes test	passes
4	Wt. Per ml at 20 °C	0.785 – 0.787 g/cm ³	0.785 g/cm ³
5	Colour	max 10 Hazen	7 Hazen
6	Refractive Index (n_D^{20})	1.376 – 1.378	1.377%
7	Water (H ₂ O)	max 0.1 %	0.065%
8	Non-volatile matter	max 0.002 %	0.0008%
9	Acidity (C ₂ H ₅ COOH)	max 0.001 %	0.0005%
10	Aldehydes and ketones [(CH ₃) ₂ CO]	max 0.005 %	0.00012%
11	Benzene (C ₆ H ₆)	max 0.0002 %	0.00003%
12	Ethanol (C ₂ H ₅ OH)	max 0.05 %	Nil
13	Methanol (CH ₃ OH)	max 0.01 %	Nil
14	Peroxide (as H ₂ O ₂)	passes test	passes
15	Copper (Cu)	max 0.0002 %	0.00004%
16	Iron (Fe)	max 0.0002 %	0.000015%
17	Lead (Pb)	max 0.0002 %	0.00007%
18	Substances Reducing Permanganate (as O)	max 0.0005 %	0.00012%

Corresponds to AR / ACS Grade

LABOTIQ Standard of Product Reference to Analar standard and ACS specification

SUDIRO S.Si.
Manager QC