



CERTIFICATE OF ANALYSIS

PRODUCT NAME : iso-BUTANOL AR

(iso-Butyl alcohol, 2 methyl propan-1-ol)

CAS No : 78-83-1

Mol. Formula : C₄H₁₀O

Mol. WT : 74.12

Date of analysis : 18/09/23

Product code : 22393

Batch No : MCRT-12643-07

Mfd. : Sept. 2023

Exp. : Aug. 2028

S. R	Test	Specification	Observation
1	Description	A clear, colourless liquid, APHA not greater than 10 HU	A clear, colourless liquid, APHA less than 10 HU
2	Assay (by GC)	99.0% min.	99.88%
3	Wt. per ml at 20°C	0.801 - 0.802 g	0.801g
4	Refractive index	1.395 - 1.396	1.395
5	Water insoluble matter	Passes test	Passes test
6	Water	0.1% max.	0.05%
7	Non-volatile matter	0.002% max.	0.0008%
8	Acidity (as CH ₃ COOH)	0.002% max.	<0.002%
9	Aldehydes & Ketones (C ₃ H ₇ .CHO)	0.015% max.	<0.015%
10	Copper (Cu)	0.0001% max.	<0.0001%
11	Iron (Fe)	0.0001% max.	<0.0001%
12	Lead (Pb)	0.0001% max.	<0.0001%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

**CHEMIST
(Ruchi)**

**HEAD-QUALITY ASSURANCE
(G.G.Salian)**

Note: Computer generated image requires no sign.

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