



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : iso-BUTANOL AR**  
(iso-Butyl alcohol, 2 methyl propan-1-ol)

<b>CAS No</b>	<b>: 78-83-1</b>	<b>Product code</b>	<b>: 22393</b>
<b>Mol. Formula</b>	<b>: C<sub>4</sub>H<sub>10</sub>O</b>	<b>Batch No</b>	<b>: MCRT-14876-04</b>
<b>Mol. WT</b>	<b>: 74.12</b>	<b>Mfd.</b>	<b>: Jan. 2024</b>
<b>Date of analysis</b>	<b>: 23/01/24</b>	<b>Exp.</b>	<b>: Dec. 2028</b>

S. R	Test	Specification	Observation
1	<b>Description</b>	A clear, colourless liquid, APHA not greater than 10 HU	A clear, colourless liquid, APHA less than 10 HU
2	<b>Assay (by GC)</b>	99.0% min.	99.97%
3	<b>Wt. per ml at 20°C</b>	0.801 - 0.802 g	0.801g
4	<b>Refractive index</b>	1.395 - 1.396	1.396
5	<b>Water insoluble matter</b>	Passes test	Passes test
6	<b>Water</b>	0.1% max.	0.03%
7	<b>Non-volatile matter</b>	0.002% max.	0.0008%
8	<b>Acidity (as CH<sub>3</sub>COOH)</b>	0.002% max.	<0.002%
9	<b>Aldehydes &amp; Ketones (C<sub>3</sub>H<sub>7</sub>.CHO)</b>	0.015% max.	<0.015%
10	<b>Copper (Cu)</b>	0.0001% max.	<0.0001%
11	<b>Iron (Fe)</b>	0.0001% max.	<0.0001%
12	<b>Lead (Pb)</b>	0.0001% max.	<0.0001%

**REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS**

**[Tested By]**

**[QC Incharge]**

**CHEMIST**  
**(Jyoti)**

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

**Note:** Computer generated image requires no sign.

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