

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : iso-PROPYL ALCOHOL AR**

<b>CAS No</b>	: 67-63-0	<b>Product code</b>	: 25180
<b>Mol. Formula</b>	: (CH <sub>3</sub> ) <sub>2</sub> CHOH	<b>Batch No</b>	: MCAR-00027
<b>Mol. WT</b>	: 60.10	<b>Mfd.</b>	: April 2024
<b>Date of analysis</b>	: 13/04/24	<b>Exp.</b>	: March 2029

S.R	Test	Specification	Observation
1	<b>Description</b>	Clear colourless liquid.	Clear colourless liquid.
2	<b>Assay (GC)</b>	99.5 % min	99.92%
3	<b>Wt. per ml (at20<sup>o</sup>c)</b>	0.784-0.786g	0.784g
4	<b>Refractive index (n<sup>20</sup> D)</b>	1.377-1.378	1.377
5	<b>Water(by KF)</b>	0.1% max	0.04%
6	<b>Acidity(C<sub>2</sub>H<sub>5</sub>COOH)</b>	0.001% max	<0.001 %
7	<b>Non Volatile matter</b>	0.002% max	0.0008%
8	<b>Aldehydes &amp; Ketones [(CH<sub>3</sub>)<sub>2</sub>CO]</b>	0.005 % max	< 0.005 %
9	<b>Copper (Cu)</b>	0.0002% max	<0.0002%
10	<b>Iron (Fe)</b>	0.0002% max	<0.0002%
11	<b>Lead (Pb)</b>	0.0002% max	< 0.0002%
12	<b>Substances reducing KMnO<sub>4</sub> (O)</b>	0.0005% max	<0.0005%

**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.