

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : LACTIC ACID AR**

<b>CAS No</b>	: 50-21-5	<b>Product code</b>	: 23690
<b>Mol. Formula</b>	: CH <sub>3</sub> .CHOH.COOH	<b>Batch No.</b>	: MCAR-00407
<b>Mol. WT</b>	: 90.08	<b>Mfd.</b>	: July 2024
<b>Date of analysis</b>	: 24/07/24	<b>Exp.</b>	: June 2029

S.R	Test	Specification	Observation
1	<b>Description</b>	A clear, colourless or pale yellow viscous liquid	A clear, colourless viscous liquid.
2	<b>Assay</b>	88.0% w/w min	88.36% w/w
3	<b>Wt. per ml at 20°C</b>	1.20-1.21g	1.20g
4	<b>Chloride (Cl)</b>	0.001% max	< 0.001%
5	<b>Sulphate (SO<sub>4</sub>)</b>	0.005% max	<0.005%
6	<b>Arsenic (As)</b>	0.00001%max	<0.00001%
7	<b>Sulphated ash</b>	0.01% max	0.008%
8	<b>Iron (Fe)</b>	0.0001% max	< 0.0001%
9	<b>Copper(Cu)</b>	0.0001% max	<0.0001%
10	<b>Lead(Pb)</b>	0.0001%max	<0.0001%

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

**[Tested By]**



**CHEMIST  
(Deepa)**

**[QC Incharge]**



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