



# BIO-CHEM CHEMICALS

Office Address: 5455, Nicholson Road Science Market , Ambala Cantt.133001 Haryana(India) ,  
Contact no: +91-8295241953, +91-7404210730

## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	<b>LACTIC ACID AR</b>
<b>Cas No.</b>	<b>87-69-4</b>
<b>Code No.</b>	<b>B-01494</b>
<b>Batch No.</b>	<b>BC12241141</b>
<b>Mfg.Date</b>	<b>DEC-2024</b>
<b>Date of Analysis</b>	<b>12/01/2024</b>
<b>Retest Date</b>	<b>JAN-2029</b>

<b>TEST</b>	<b>SPECIFICATION</b>	<b>RESULT</b>
Appearance	A clear colorless to slightly yellow syrupy liquid	A clear colorless syrupy liquid
Colour scale	Max. 50 APHA	45 APHA
Positive test for lactate	Passes test	Passes test
Total acidity (as lactic acid)	Min. 88.0% w/w	88.72%
Stereochemical purity (L+)	Min. 97.0%	97.62%
Density (at 20°C)	1.19-1.21 g/ml	1.20 g/ml
Heavy metal (as Pb)	Max 0.001%	0.0006%
Iron (Fe)	Max 0.001%	0.0007%
Calcium (Ca)	Max 0.001%	0.0008%
Chloride (Cl)	Max 0.001%	0.0004%
Sulphate (SO <sub>4</sub> )	Max 0.001%	0.0005%
Sulphated ash	Max 0.05%	0.20%
Arsenic (As)	Max 0.0001%	0.00005%
Cyanide (CN)	Max 0.0005%	0.00032%
Reducing substance (as sugars)	Passes test	Passes test
Mercury (Hg)	Max 0.0001%	0.00006%

REMARK: This product complies as per the specifications of **BIO-CHEM CHEMICALS**.

**This is an electronically generated certificate and is valid without a signature.**

For Issues relating to quality you may send us a mail on [info@biofinechemical.com](mailto:info@biofinechemical.com) or call on **+91-7404210730** Website- [www.biofinechemical.com](http://www.biofinechemical.com)