

## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	Lactic Acid
<b>INCI Name</b>	Lactic Acid
<b>CAS#</b>	79-39-4
<b>Lot Number</b>	L241091347
<b>Manufacture Date</b>	10/2024
<b>Re-test Date</b>	10/2026

Analytical Tests	Specification	Analysis
<b>Appearance</b>	Yellowish, syrupy and hygroscopic liquid with slightly acid odor.	CONFORMS
<b>Chemical Formula</b>	C <sub>3</sub> H <sub>6</sub> O <sub>3</sub>	
<b>Molecular Formule</b>	CH <sub>3</sub> CHOHCOOH	
<b>Assay</b>	MIN 80%	80.1%
<b>Fresh color</b>	50 - 100apha	70apha
<b>Stereo chemical purity</b>	MIN 95% g	95%
<b>Density</b>	1.18 t.2D g/cm <sup>3</sup> at 20 °C	1,19g/cm <sup>3</sup>
<b>Chloride</b>	MAX 20ppm	<20ppm
<b>Cyanide</b>	MAX 5ppm	<5ppm
<b>Iron</b>	MAX 10ppm	<10ppm
<b>Heavy Metals</b>	MAX 10ppm	<10ppm
<b>Arsenic</b>	MAX 3ppm	<3ppm
<b>Lead</b>	MAX 2ppm	<2ppm
<b>Sulfate</b>	MAX 50ppm	<50ppm
<b>Sulfate Ash</b>	MAX 0.1%	<0.1%
<b>Mercury</b>	MAX 1ppm	<1ppm
<b>Citrate, Oxalate, Phosphate or Tartrate</b>	Passes FCC test	
<b>Reducing Sugars</b>	Passes FCC test	

1ppm = 1mg/kg = 0,0001%

### STABILITY AND STORAGE:

Keep in tightly closed container in a cool and dry place, protected from sunlight. When stored for more than 24 months, quality should be checked before use.

**As it is electronically generated document, hence no signature required.**

**Disclaimer:** This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.