

CERTIFICATE OF ANALYSIS

Product Name	Lactic Acid
INCI Name	Lactic Acid
CAS#	79-39-4
Lot Number	L251191348
Manufacture Date	11/2025
Re-test Date	11/2027

Analytical Tests	Specification	Analysis
Appearance	Yellowish, syrupy and hygroscopic liquid with slightly acid odor.	CONFORMS
Chemical Formula	C ₃ H ₆ O ₃	
Molecular Formule	CH ₃ CHOHCOOH	
Assay	MIN 80%	82.5%
Fresh color	50 - 100apha	68apha
Stereo chemical purity	MIN 95% g	95%
Density	1.18 t.2D g/cm ³ at 20 °C	1,19g/cm ³
Chloride	MAX 20ppm	<20ppm
Cyanide	MAX 5ppm	<5ppm
Iron	MAX 10ppm	<10ppm
Heavy Metals	MAX 10ppm	<10ppm
Arsenic	MAX 3ppm	<3ppm
Lead	MAX 2ppm	<2ppm
Sulfate	MAX 50ppm	<50ppm
Sulfate Ash	MAX 0.1%	<0.1%
Mercury	MAX 1ppm	<1ppm
Citrate, Oxalate, Phosphate or Tartrate	Passes FCC test	
Reducing Sugars	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.

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