

CERTIFICATE OF ANALYSIS

Product Name	Lactic Acid
Product Code	AL00091
INCI Name	Lactic Acid
CAS Number	50-21-5
Lot Number	3700/15262LA
Manufacture Date	06/2023
Re-test Date	06/2025

Parameter	Specification	Test result
Assay	≥ 80.0 % w/w	80.6 % w/w
Color	≤ 100 Hazen	< 100 Hazen
Positive test for lactate	Passes test	Passes test
Density	1.18 - 1.21 g/ml	1.20 g/ml
Stereochemical purity	≥ 97 %	98.8 %
Heavy metals	≤ 10 ppm	< 10 ppm
Iron	≤ 10 ppm	< 10 ppm
Calcium	≤ 10 ppm	< 10 ppm
Chloride	≤ 10 ppm	< 10 ppm
Sulphate	≤ 10 ppm	< 10 ppm
Sulphated ash	≤ 0.1 % w/w	< 0.1 % w/w
Cyanide	≤ 5 ppm	< 5 ppm
Lead	≤ 0.5 ppm	< 0.5 ppm
Arsenic	≤ 1 ppm	< 1 ppm
Mercury	≤ 1 ppm	< 1 ppm
Reducing substances (sugars)	Passes test	Passes test
Citric, oxalic, tartaric and phosphoric acids	Passes test	Passes test

STABILITY AND STORAGE:

Keep in tightly closed container in a cool and dry place, protected from sunlight.
When stored for a period longer than the one specified above, quality should be checked before use.

As it is electronically generated document, hence no signature required

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