

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing:	2026-06-16 10:33:55
Date of Next Testing:	2030-06-15 10:33:55
Product Name:	<b>DL-Lactic acid</b>
CAS Number:	50-21-5
Specifications & Purity:	ACS, ≥85%
Lot #:	F2604542
SKU #	<b>L108841</b>
Version	<b>3</b>
<b>Analysis #:</b>	<b>728397</b>
Storage Temperature:	Room temperature

Parameter	Limit Values	Result
Ignition Residue(Ash)	0-0.05 (%)	0.03000 %
Sulfate(SO42-)	≤50 (µg/g)	26.10000 µg/g
Heavy metal(as Pb)	≤10 (µg/g)	5.60000 µg/g
Iron(Fe)	≤10 (µg/g)	0.30000 µg/g
Assay(lactate)	90-100 (%)	90.50000 %
Color Test	0-50 (APHA)	45.00000 APHA
oxide	≤20 (µg/g)	12.00000 µg/g
(As)Arsenic	0-1 (µg/g)	0.58000 µg/g
Specific Rotation [α] <sub>20</sub> /D(c=Neat)	-1~1 (°)	0.02000 °
Appearance (L108841)	Colorless or almost colorless clear viscous liquid	Colorless or almost colorless clear viscous liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
calcium salt	pass	Pass
reducing sugar	Pass	Pass
Carbonyl compound	Pass	Pass
Citric acid, oxalic acid, phosphoric acid or tartaric acid	pass	Pass



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A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su  
QA & QC Manager