

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing:	2025-07-10 15:30:20
Date of Next Testing:	2029-07-09 15:30:20
Product Name:	<b>Succinic acid</b>
CAS Number:	110-15-6
Specifications & Purity:	AR, ≥99.5%
Lot #:	G2508690
SKU #	<b>S108855</b>
Version	<b>0</b>
<b>Analysis #:</b>	<b>534353</b>
Storage Temperature:	Room temperature

Parameter	Limit Values	Result
Purity(Neutralization titration)	99.5-100.5 (%)	99.56000 %
Lead(Pb)	0-0.001 (%)	0.00000 %
Calcium(Ca)	0-0.001 (%)	0.00000 %
Chloride (Cl-)	0-0.001 (%)	0.00010 %
Phosphorus (P)	0-0.0005 (%)	0.00049 %
Ignition Residue(Ash)	0-0.02 (%)	0.00000 %
Ammonia (NH4)	0-0.05 (%)	0.01250 %
Aluminum(Al)	0-0.0005 (%)	0.00000 %
(PO4)Phosphate	0-0.001 (%)	0.00010 %
Iron(Fe)	0-0.0005 (%)	0.00000 %
Magnesium(Mg)	0-0.0005 (%)	0.00000 %
Potassium(K)	0-0.005 (%)	0.00000 %
Copper(Cu)	0-0.0005 (%)	0.00000 %
Sodium(Na)	0-0.005 (%)	0.00040 %
Insoluble matter	0-0.01 (%)	0.00000 %
Zinc(Zn)	0-0.0005 (%)	0.00000 %
Melting point	185-189 (°C)	185.10000 °C
Appearance (S108855)	white powder	White powder
Solubility in H2O , Colorless Clear,0.5 M	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



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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