

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2024-12-20 11:46:15
Date of Next Testing:	2028-12-19 11:46:15
Product Name:	Succinic acid
CAS Number:	110-15-6
Specifications & Purity:	AR, ≥99.5%
Lot #:	L2418579
SKU #	S108855
Version	0
Analysis #:	444805

Parameter	Limit Values	Result
Purity(Neutralization titration)	99.5-100.5 (%)	100.03 %
Lead(Pb)	0-0.001 (%)	0.00 %
Calcium(Ca)	0-0.001 (%)	0.00 %
Chloride (Cl-)	0-0.001 (%)	0.00 %
Phosphorus (P)	0-0.0005 (%)	0.00 %
Ignition Residue(Ash)	0-0.02 (%)	0.00 %
Ammonia (NH ₄)	0-0.05 (%)	0.01 %
Aluminum(Al)	0-0.0005 (%)	0.00 %
(PO ₄)Phosphate	0-0.001 (%)	0.00 %
Iron(Fe)	0-0.0005 (%)	0.00 %
Magnesium(Mg)	0-0.0005 (%)	0.00 %
Potassium(K)	0-0.005 (%)	0.00 %
Copper(Cu)	0-0.0005 (%)	0.00 %
Sodium(Na)	0-0.005 (%)	0.00 %
Insoluble matter	0-0.01 (%)	0.00 %
Zinc(Zn)	0-0.0005 (%)	0.00 %
Melting point	185-189 (°C)	185.30000 °C
Appearance (S108855)	white powder	White powder
Solubility in H ₂ O , 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".

John Su
QA & QC Manager