

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2025-06-10 10:38:58
Date of Next Testing:	2028-06-09 10:38:58
Product Name:	Succinic acid
CAS Number:	110-15-6
Specifications & Purity:	Moligand™, Suitable for Analysis, ACS, Premium pure
Lot #:	F2504012
SKU #	S431424
Version	1
Analysis #:	526218
Storage Temperature:	Room temperature

Parameter	Limit Values	Result
Assay(acidimetric)	99.5-102.5 (%)	100.19000 %
Insoluble matter in water	0-50 (ppm)	20.00000 ppm
Melting point	185-190 (°C)	188.95000 °C
Chloride (Cl-)	0-5 (ppm)	0.00 ppm
Phosphate(PO ₄)	0-0.001 (%)	0.00000 %
Sulfate(SO ₄)	0-30 (ppm)	0.00000 ppm
Heavy metals(as Pb)	0-5 (ppm)	0.00 ppm
Iron(Fe)	0-5 (ppm)	0.00 ppm
Nitrogen Compounds(as N)	0-0.001 (%)	0.00000 %
Fumaric acid(HPLC)	0-5000 (ppm)	0.00000 ppm
Sulfated ash(600°C)	0-200 (ppm)	0.00000 ppm
Water by Karl Fischer	0-0.5 (%)	0.00 %
Appearance(S431424)	white powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Appearance of solution(5%;water)	passes test	Passes test



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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