

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-01-25 16:57:57

Date of Next Testing: 2026-01-24 16:57:57

Product Name: **Succinic acid**

CAS Number: 110-15-6

Specifications & Purity: Moligand™, ≥99.5%(T), matrix substance for MALDI-MS

Lot #: C1812071

SKU #: **S108852**

Version: **0**

Analysis #: **070279**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Chloride (Cl-)	0-10 (ppm)	4.71000 ppm
Manganese(Mn)	0-5 (ppm)	2.89000 ppm
Iron(Fe)	0-5 (ppm)	2.11000 ppm
Calcium(Ca)	0-50 (ppm)	34.01000 ppm
Chromium(Cr)	0-5 (ppm)	3.52000 ppm
Copper(Cu)	0-5 (ppm)	2.52000 ppm
Magnesium(Mg)	0-5 (ppm)	2.91000 ppm
Ammonia (NH4)	0-5 (ppm)	1.49000 ppm
Cobalt(Co)	0-5 (ppm)	2.62500 ppm
(Pb)Lead	0-5 (ppm)	2.23000 ppm
Zinc(Zn)	0-5 (ppm)	2.81000 ppm
Nickel(Ni)	0-5 (ppm)	1.72000 ppm
Potassium(K)	0-50 (ppm)	36.21000 ppm
Sodium(Na)	0-50 (ppm)	26.03000 ppm
Purity (T)	99.5-100.5 (%)	99.54000 %
Cadmium(Cd)	0-5 (ppm)	1.81000 ppm
Sulfate(SO42-)	0-30 (ppm)	19.03000 ppm
Appearance (S108852)	white to beige powder	white to beige powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



QualityAssurance@aladdinsci.com

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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager