



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-11-06 11:27:12

Date of Next Testing: 2028-11-05 11:27:12

Product Name: **Succinic acid**

CAS Number: 110-15-6

Specifications & Purity: Moligand™, ACS, ≥99%

Lot #: J2428270

SKU #: **S108854**

Version: **0**

Analysis #: **226959**

Storage Temperature: Room temperature

| Parameter                      | Limit Values | Result       |
|--------------------------------|--------------|--------------|
| Phosphate(PO4)                 | 0-0.001 (%)  | 0.00029 %    |
| Heavy metal (as Pb)            | 0-5 (ppm)    | 2.50000 ppm  |
| Iron(Fe)                       | 0-5 (ppm)    | 0.00000 ppm  |
| Melting point                  | 185-191 (°C) | 186.20000 °C |
| Sulfate(SO42-)                 | 0-0.003 (%)  | 0.00150 %    |
| Nitrogen by Elemental Analysis | 0-0.001 (%)  | 0.00070 %    |
| Ignition Residue (as sulfate)  | 0-0.02 (%)   | 0.00000 %    |
| Insoluble matter               | 0-0.01 (%)   | 0.00000 %    |

John Su  
QA & QC Manager