

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-01-14 09:13:41

Date of Next Testing: 2030-01-13 09:13:41

Product Name: **Sodium succinate**

CAS Number: 150-90-3

Specifications & Purity: Analytical Reagent,99.0%

Lot #: A2604782

SKU #: **S112882**

Version: **1**

Analysis #: **632159**

Storage Temperature: Room temperature

| Parameter                                 | Limit Values                       | Result                             |
|-------------------------------------------|------------------------------------|------------------------------------|
| Chloride (Cl-)                            | 0-0.002 (%)                        | 0.00125 %                          |
| Heavy metal (as Pb)                       | 0-0.001 (%)                        | 0.00000 %                          |
| Purity(Titration by HClO <sub>4</sub> )   | 98.5-101.5 (%)                     | 99.00000 %                         |
| Sulfate(SO <sub>4</sub> <sup>2-</sup> )   | 0-0.005 (%)                        | 0.00120 %                          |
| Phosphate(PO <sub>4</sub> <sup>3-</sup> ) | 0-0.001 (%)                        | 0.00010 %                          |
| Iron(Fe)                                  | 0-0.0005 (%)                       | 0.00000 %                          |
| Ammonia (NH <sub>4</sub> <sup>+</sup> )   | 0-0.001 (%)                        | 0.00010 %                          |
| Insoluble matter in H <sub>2</sub> O      | 0-0.01 (%)                         | 0.00000 %                          |
| Appearance (S112882)                      | White Powder or Crystalline Powder | White Powder or Crystalline Powder |
| Clarity of solution                       | pass                               | Pass                               |
| Proton NMR spectrum                       | Conforms to Structure              | Conforms to Structure              |
| Infrared spectrum                         | Conforms to Structure              | Conforms to Structure              |



John Su  
QA & QC Manager