

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-03-12 15:34:01

Date of Next Testing: 2029-03-11 15:34:01

Product Name: **1,2,3-Propanetricarboxylic Acid**

CAS Number: 99-14-9

Specifications & Purity:  $\geq 98\%$

Lot #: E2129271

SKU #: **P160397**

Version: **0**

Analysis #: **478963**

| Parameter            | Limit Values                                     | Result                                           |
|----------------------|--------------------------------------------------|--------------------------------------------------|
| Melting point        | 155-163 (°C)                                     | 162.70000 °C                                     |
| Assay                | 98-100 (%)                                       | 98.10 %                                          |
| Appearance (P160397) | White to Beige Powder, Solid, Crystals or Chunks | White to Beige Powder, Solid, Crystals or Chunks |
| Infrared spectrum    | Conforms to Structure                            | Conforms to Structure                            |

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

John Su  
QA & QC Manager