

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-04-10 15:24:05  
 Date of Next Testing: 2026-03-31 15:24:05  
 Product Name: **10-Hydroxydecanoic acid**  
 CAS Number: 1679-53-4  
 Specifications & Purity:  $\geq 96\%$   
 Lot #: G2214451  
 SKU #: **H115187**  
 Version: **0**  
 Analysis #: **341603**  
 Storage Temperature: Room temperature

| Parameter                  | Limit Values                         | Result                               |
|----------------------------|--------------------------------------|--------------------------------------|
| Purity (Titration by NaOH) | 95.5-105.5 (%)                       | 98.36000 %                           |
| Purity(GC)                 | 96-100 (%)                           | 97.77500 %                           |
| Melting point              | 75-77 (°C)                           | 76.32000 °C                          |
| Appearance (H115187)       | White Powder, Crystals and/or Chunks | White Powder, Crystals and/or Chunks |
| Infrared spectrum          | Conforms to Structure                | Conforms to Structure                |
| Proton NMR spectrum        | Conforms to Structure                | Conforms to Structure                |



John Su  
QA & QC Manager