

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-05-15 16:00:24

Date of Next Testing: 2027-05-14 16:00:24

Product Name:  **$\alpha$ -Cyclopentylmandelic acid**

CAS Number: 427-49-6

Grades & Purity:  $\geq 98\%$

Lot #: E2312335

SKU #: **C123162**

Version: **1**

Analysis #: **168376**

Storage Temperature: Room temperature, Argon charged

| Parameter                  | Limit Values                                   | Result                                         |
|----------------------------|------------------------------------------------|------------------------------------------------|
| Purity (Titration by NaOH) | 97.5-102.5 (%)                                 | 99.48000 %                                     |
| Melting point              | 146-150 (°C)                                   | 146.10000 °C                                   |
| Purity(HPLC)               | 98-100 (%)                                     | 98.98000 %                                     |
| Appearance (C123162)       | White to tan to Light yellow powder to crystal | White to tan to Light yellow powder to crystal |
| Infrared spectrum          | Conforms to Structure                          | Conforms to Structure                          |
| NMR Spectrum 1H            | Conforms to Structure                          | Conforms to Structure                          |



John Su  
QA & QC Manager