

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

# Certificate of Analysis

Date of Testing: 2023-04-17 16:32:56

Date of Next Testing: 2027-04-16 16:32:56

Product Name: **Benzyl D-(-)-Mandelate**

CAS Number: 97415-09-3

Specifications & Purity:  $\geq 98\%$ (HPLC)

Lot #: E2327574

SKU #: **B151939**

Version: **0**

Analysis #: **212679**

Storage Temperature: Room temperature

| Parameter                                                         | Limit Values                                  | Result                                        |
|-------------------------------------------------------------------|-----------------------------------------------|-----------------------------------------------|
| Melting point                                                     | 105-109 (°C)                                  | 108.03000 °C                                  |
| Specific Rotation $[\alpha]_{20/D(c=1 \text{ in CH}_3\text{CN})}$ | -37--31 (°)                                   | -35.11400 °                                   |
| Purity(HPLC)                                                      | 98-100 (%)                                    | 98.87200 %                                    |
| Appearance (B151939)                                              | White to Off-White Flakes, Powder or Crystals | White to Off-White Flakes, Powder or Crystals |
| Proton NMR spectrum                                               | Conforms to Structure                         | Conforms to Structure                         |



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