

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

# Certificate of Analysis

Date of Testing: 2025-06-17 16:00:13

Date of Next Testing: 2027-06-17 16:00:13

Product Name: **Methyl D-3-Phenyllactate**

CAS Number: 27000-00-6

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

Lot #: I2308785

SKU # **M158823**

Version **0**

**Analysis #:** **525316**

Storage Temperature: Room temperature

| Parameter                                                | Limit Values                          | Result                                |
|----------------------------------------------------------|---------------------------------------|---------------------------------------|
| Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in MeOH})$ | -6--4 ( $^{\circ}$ )                  | -4.18000 $^{\circ}$                   |
| Purity(GC)                                               | 98-100 (%)                            | 98.09800 %                            |
| Melting point                                            | 47-51 ( $^{\circ}\text{C}$ )          | 49.22800 $^{\circ}\text{C}$           |
| Appearance (M158823)                                     | White to Off-White Powder or Crystals | White to Off-White Powder or Crystals |
| Proton NMR spectrum                                      | Conforms to Structure                 | Conforms to Structure                 |



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