

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-11-18 10:46:18

Date of Next Testing: 2024-11-17 10:46:18

Product Name: (-)-Corey Lactone

CAS Number: 32233-40-2

Specifications & Purity: ≥98%

Lot #: F23081142

SKU #: C133373

Version: 0

Analysis #: 157048

Storage Temperature: Room temperature

| Parameter                                           | Limit Values                                       | Result                                             |
|-----------------------------------------------------|----------------------------------------------------|----------------------------------------------------|
| Purity(HPLC)                                        | 98-100 (%)                                         | 98.04400 %                                         |
| Melting point                                       | 114-118 (°C)                                       | 116.20000 °C                                       |
| Specific Rotation [α] <sub>20/D</sub> (c=1 in MeOH) | -43--39 (°)                                        | -41.20000 °                                        |
| Appearance (C133373)                                | White to Beige to pale Brown Powder,Crystal,Chunks | White to Beige to pale Brown Powder,Crystal,Chunks |
| Proton NMR spectrum                                 | Conforms to Structure                              | Conforms to Structure                              |



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QA & QC Manager