

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-04-19 14:21:17

Date of Next Testing: 2027-04-18 14:21:17

Product Name: (S)-(-)-3-Chloro-1-phenyl-1-propanol

CAS Number: 100306-34-1

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

Lot #: D2314770

SKU # C123101

Version 0

Analysis #: 213988

Storage Temperature: Room temperature

| Parameter                                                  | Limit Values                     | Result                           |
|------------------------------------------------------------|----------------------------------|----------------------------------|
| Melting point                                              | 57-61 (°C)                       | 57.01000 °C                      |
| Purity(GC)                                                 | 98-100 (%)                       | 98.59500 %                       |
| Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in CHCL}_3)$ | -27--24 (°)                      | -27.00000 °                      |
| Enantiometric Excess                                       | 98-100 (%)                       | 98.79000 %                       |
| Appearance (C123101)                                       | White to Yellow Powder or Fibers | White to Yellow Powder or Fibers |
| Infrared spectrum                                          | Conforms to Structure            | Conforms to Structure            |



John Su  
QA & QC Manager