

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

# Certificate of Analysis

Date of Testing: 2026-08-15 14:14:50

Date of Next Testing: 2030-08-14 14:14:50

Product Name: (S)-(-)-Tetrahydrofuran-2-carboxylic Acid

CAS Number: 87392-07-2

Specifications & Purity: ≥98%(GC)

Lot #: J2231011

SKU #: S161338

Version: 0

Analysis #: 753004

Storage Temperature: Room temperature

| Parameter                           | Limit Values                                     | Result                                           |
|-------------------------------------|--------------------------------------------------|--------------------------------------------------|
| Purity(GC)                          | 98-100 (%)                                       | 98.95000 %                                       |
| Density (20°C)                      | 1.214-1.217                                      | 1.21500                                          |
| Refractive index n <sub>20</sub> /D | 1.459-1.461                                      | 1.46000                                          |
| Specific Rotation                   | -20--18 (°)                                      | -19.82000 °                                      |
| [α] <sub>20</sub> /D(c=Neat)        |                                                  |                                                  |
| Appearance (S161338)                | Colorless to Light yellow to orange clear liquid | Colorless to Light yellow to orange clear liquid |
| Proton NMR spectrum                 | Conforms to Structure                            | Conforms to Structure                            |



John Su  
QA & QC Manager