

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-05-30 13:08:50  
 Date of Next Testing: 2027-05-29 13:08:50  
 Product Name: **(S)-(+)-2-Octanol**  
 CAS Number: 6169-06-8  
 Specifications & Purity:  $\geq 98\%$ (GC)  
 Lot #: E2324375  
 SKU #: **S161171**  
 Version: **0**  
 Analysis #: **207173**  
 Storage Temperature: Room temperature, Desiccated, Cool

| Parameter                                      | Limit Values                     | Result                           |
|------------------------------------------------|----------------------------------|----------------------------------|
| Purity(GC)                                     | 98-100 (%)                       | 98.01500 %                       |
| Refractive index n <sub>20</sub> /D            | 1.424-1.427                      | 1.42620                          |
| Specific Rotation [α] <sub>20</sub> /D(c=Neat) | 9-11 (°)                         | 9.16500 °                        |
| Appearance (S161171)                           | Colorless to light yellow liquid | Colorless to light yellow liquid |
| Proton NMR spectrum                            | Conforms to Structure            | Conforms to Structure            |



John Su  
QA & QC Manager