

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-01-19 16:25:52  
 Date of Next Testing: 2026-01-18 16:25:52  
 Product Name: **(R)-4-Benzyl-2-oxazolidinone**  
 CAS Number: 102029-44-7  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: C1827032  
 SKU #: **B117491**  
 Version: **1**  
 Analysis #: **068190**  
 Storage Temperature: Room temperature, Argon charged, Desiccated

| Parameter                                                  | Limit Values                 | Result                      |
|------------------------------------------------------------|------------------------------|-----------------------------|
| Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in CHCl}_3)$ | 62-65 ( $^{\circ}$ )         | 62.38900 $^{\circ}$         |
| Enantiometric Excess                                       | 98-100 (%)                   | 98.21600 %                  |
| Melting point                                              | 88-90 ( $^{\circ}\text{C}$ ) | 88.22000 $^{\circ}\text{C}$ |
| Purity(GC)                                                 | 98-100 (%)                   | 99.28900 %                  |
| Appearance (B117491)                                       | White to Off-White Powder    | White to Off-White Powder   |
| Proton NMR spectrum                                        | Conforms to structure        | Conforms to Structure       |



John Su  
QA & QC Manager