

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-09 15:43:35
 Date of Next Testing: 2029-09-08 15:43:35
 Product Name: **(R)-4-Benzyl-2-oxazolidinone**
 CAS Number: 102029-44-7
 Specifications & Purity: $\geq 98\%$
 Lot #: K2120028
 SKU #: **B117491**
 Version: **1**
 Analysis #: **568364**
 Storage Temperature: Room temperature, Argon charged, Desiccated

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in CHCl}_3)$	62-65 ($^{\circ}$)	64.90000 $^{\circ}$
Enantiometric Excess	98-100 (%)	98.28000 %
Melting point	88-90 ($^{\circ}\text{C}$)	89.20000 $^{\circ}\text{C}$
Purity(GC)	98-100 (%)	98.70000 %
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