

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-18 07:45:16
 Date of Next Testing: 2027-03-17 07:45:16
 Product Name: **(R)-4-Benzyl-2-oxazolidinone**
 CAS Number: 102029-44-7
 Specifications & Purity: $\geq 98\%$
 Lot #: C2313561
 SKU #: **B117491**
 Version: **1**
 Analysis #: **201297**
 Storage Temperature: Room temperature, Argon charged, Desiccated

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in CHCL}_3)$	62-65 ($^{\circ}$)	64.94800 $^{\circ}$
Enantiometric Excess	98-100 (%)	99.00000 %
Melting point	88-90 ($^{\circ}\text{C}$)	89.25000 $^{\circ}\text{C}$
Purity(GC)	98-100 (%)	98.71300 %
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