

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-02-15 09:40:28

Date of Next Testing: 2027-02-14 09:40:28

Product Name: **(R)-4-Benzyl-2-oxazolidinone**

CAS Number: 102029-44-7

Specifications & Purity:  $\geq 99\%$

Lot #: B2321571

SKU #: **B117537**

Version: **1**

Analysis #: **180645**

Storage Temperature: Room temperature, Desiccated

| Parameter                                                | Limit Values                      | Result                            |
|----------------------------------------------------------|-----------------------------------|-----------------------------------|
| Purity(HPLC)                                             | 99-100 (%)                        | 99.17400 %                        |
| Melting point                                            | 87-91 (°C)                        | 90.22000 °C                       |
| Specific Rotation $[\alpha]_{20/D}(c=5 \text{ in MeOH})$ | 13.5-15.5 (°)                     | 13.80900 °                        |
| Infrared spectrum                                        | Conforms to Structure             | Conforms to Structure             |
| Solubility in MeOH                                       | almost transparency               | almost transparency               |
| Appearance (B117537)                                     | White to Yellow Powder to crystal | White to Yellow powder to crystal |



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QA & QC Manager