

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

# Certificate of Analysis

Date of Testing: 2025-12-01 09:32:15

Date of Next Testing: 2029-11-30 09:32:15

Product Name: **2,2'-Methylenebis[(4S)-4-tert-butyl-2-oxazoline]**

CAS Number: 132098-54-5

Specifications & Purity:  $\geq 96\%$

Lot #: K2520029

SKU #: **M113697**

Version: **0**

Analysis #: **164486**

Storage Temperature: Room temperature

| Parameter                                                    | Limit Values            | Result                  |
|--------------------------------------------------------------|-------------------------|-------------------------|
| Purity(GC)                                                   | 96-100 (%)              | 99.47700 %              |
| Melting point                                                | 51-53 (°C)              | 51.60000 °C             |
| Specific Rotation $[\alpha]_{20/D}(c=0.5 \text{ in CHCL}_3)$ | -120--116 (°)           | -119.38000 °            |
| Proton NMR spectrum                                          | Conforms to Structure   | Conforms to Structure   |
| Appearance (M113697)                                         | White powder to crystal | White powder to crystal |



John Su  
QA & QC Manager