

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-30 08:22:51

Date of Next Testing: 2027-03-29 08:22:51

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

CAS Number: 132098-54-5

Specifications & Purity: $\geq 96\%$

Lot #: C2324890

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