

Certificate of Analysis

Date of Testing: 2024-12-25 13:58:42

Date of Next Testing: 2028-12-24 13:58:42

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

CAS Number: 131833-93-7

Specifications & Purity: $\geq 98\%$

Lot #: L2418749

SKU #: **L115670**

Version: **1**

Analysis #: **352600**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in CHCL}_3)$ -123--112 (°)		-121.91 °
Purity(GC)	98-100 (%)	99.97 %
Enantiometric Excess	98-100 (%)	98.00 %
Melting point	88-92 (°C)	89.30000 °C
Appearance (L115670)	White or light yellow crystalline powder	White or light yellow crystalline powder
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager