

# Certificate of Analysis

## Compound Information

**Product Name:** (S,S)-N-(p-Toluenesulfonyl)-1,2-Diphenylethanediamine(Chloro)(p-Cymene)Ruthenium(II)  
**CAS No.:** 192139-90-5  
**Cat. No.:** G3712088  
**Molecular Formula:** C<sub>31</sub>H<sub>35</sub>ClN<sub>2</sub>O<sub>2</sub>RuS  
**Molecular Weight:** 636.21

## Batch Information

**Batch No.:** 3656773  
**Test Date:** 2025-12-30  
**Report Date:** 2025-12-31  
**Retest Date:** 2031-06-27  
**Storage:** 2-8°C  
**Origin:** China

## Test Item

Test	Specification	Result
Purity	98%(HPLC)	98.02%
NMR	Consistent with structure	Consistent with structure
Optical Rotation	+178°	184.7

## Conclusion

The product has been tested and complies with the given specifications.

## Signature

Reviewed by :



Reviewed by:



Approved by:

