

# Certificate of Analysis

## Compound Information

**Product Name:** (R)-(+)-1-(2-Diphenylphosphino-1-Naphthyl)Isoquinoline  
**CAS No.:** 149341-34-4  
**Cat. No.:** G1361471  
**Molecular Formula:** C<sub>31</sub>H<sub>22</sub>NP  
**Molecular Weight:** 439.49

## Batch Information

**Batch No.:** 3010943  
**Test Date:** 2025-05-13  
**Report Date:** 2025-05-14  
**Retest Date:** 2030-11-08  
**Storage:** 2-8°C  
**Origin:** China

## Test Item

Test	Specification	Result
Purity	97%,99%ee	98.72%
NMR	Consistent with structure	Consistent with structure
Optical Rotation	153.2	167.10

## Conclusion

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

## Signature

Reviewed by :



Reviewed by:



Approved by:

