

# Certificate of Analysis

## Compound Information

**Product Name:** (R)-(-)-7,7'-Bis(Diphenylphosphino)-2,2',3,3'-Tetrahydro-1,1'-Spirobiindane  
**CAS No.:** 917377-74-3  
**Cat. No.:** G4048147  
**Molecular Formula:** C<sub>41</sub>H<sub>34</sub>P<sub>2</sub>  
**Molecular Weight:** 588.66

## Batch Information

**Batch No.:** 5698632  
**Test Date:** 2025-03-03  
**Report Date:** 2025-03-04  
**Retest Date:** 2030-08-29  
**Storage:** -20°C  
**Origin:** China

## Test Item

Test	Specification	Result
Purity	98%(LC-MS)	99.24%
NMR	Consistent with structure	Consistent with structure
Optical Rotation	184	186.10

## Conclusion

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

## Signature

Reviewed by :



Reviewed by:



Approved by:

