

# Certificate of Analysis

## Compound Information

**Product Name:** (11aR)-10,11,12,13-Tetrahydro-N,N-Bis[(1R)-1-Phenylethyl]Diindeno[7,1-de:1,7-fg][1,3,2]Dioxaphosphocin-5-Amine  
**CAS No.:** 500997-69-3  
**Cat. No.:** G4801297  
**Molecular Formula:** C<sub>33</sub>H<sub>32</sub>NO<sub>2</sub>P  
**Molecular Weight:** 505.59

## Batch Information

**Batch No.:** 6184672  
**Test Date:** 2023-09-25  
**Report Date:** 2023-09-26  
**Retest Date:** 2029-03-22  
**Storage:** 2-8°C  
**Origin:** China

## Test Item

Test	Specification	Result
Purity	98%(HPLC)	98.59%
NMR	Consistent with structure	Consistent with structure
Optical Rotation	337	325.33

## Conclusion

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

## Signature

Reviewed by :



Reviewed by:



Approved by:

