

# Certificate of Analysis

## Compound Information

**Product Name:** (11bR)-N,N-Bis[(1R)-1-Phenylethyl]Dinaphtho[2,1-D:1',2'-F][1,3,2]Dioxaphosphepin-4-Amine  
**CAS No.:** 415918-91-1  
**Cat. No.:** G3482390  
**Molecular Formula:** C<sub>36</sub>H<sub>30</sub>NO<sub>2</sub>P  
**Molecular Weight:** 539.6

## Batch Information

**Batch No.:** 3452352  
**Test Date:** 2023-03-28  
**Report Date:** 2023-03-29  
**Retest Date:** 2028-09-22  
**Storage:** 2-8°C  
**Origin:** China

## Test Item

Test	Specification	Result
Purity	97%(LC-MS),98%ee	Conforms to specification
NMR	Consistent with structure	Consistent with structure

## Conclusion

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

## Signature

Reviewed by :

Reviewed by:

Approved by: