

# Certificate of Analysis

## Compound Information

**Product Name:** (11bS)-N-(1-Phenylethyl)Dinaphtho[2,1-D:1',2'-F][1,3,2]Dioxaphosphepin-4-Amine  
**CAS No.:** 422509-53-3  
**Cat. No.:** G6244957  
**Molecular Formula:** C<sub>28</sub>H<sub>22</sub>NO<sub>2</sub>P  
**Molecular Weight:** 435.45

## Batch Information

**Batch No.:** 8725442  
**Test Date:** 2023-02-02  
**Report Date:** 2023-02-03  
**Retest Date:** 2029-07-30  
**Storage:** 2-8°C  
**Origin:** China

## Test Item

Test	Specification	Result
Purity	97%(HPLC)	97.63%
NMR	Consistent with structure	Consistent with structure
Optical Rotation	155.5	216.56

## Conclusion

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

## Signature

Reviewed by :



Reviewed by:



Approved by:

