

# Certificate of Analysis

## Compound Information

**Product Name:** (R)-3,3-Bis(9-Phenanthrenyl)-1,1-Binaphthyl-2,2-Diyl Hydrogen Phosphate  
**CAS No.:** 864943-22-6  
**Cat. No.:** G8791458  
**Molecular Formula:** C<sub>48</sub>H<sub>29</sub>O<sub>4</sub>P  
**Molecular Weight:** 700.72

## Batch Information

**Batch No.:** 2803112  
**Test Date:** 2025-07-23  
**Report Date:** 2025-07-24  
**Retest Date:** 2031-01-18  
**Storage:** 2-8°C  
**Origin:** China

## Test Item

Test	Specification	Result
Purity	98%(HPLC)	98.25%
NMR	Consistent with structure	Consistent with structure
Optical Rotation	-60±5	-55.12

## Conclusion

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

## Signature

Reviewed by :



Reviewed by:



Approved by:

