

# Certificate of Analysis

## Compound Information

**Product Name:** (R)-(-)-1,1'-Binaphthyl-2,2'-diyl hydrogenphosphate  
**CAS No.:** 39648-67-4  
**Cat. No.:** G5966813  
**Molecular Formula:** C<sub>20</sub>H<sub>13</sub>O<sub>4</sub>P  
**Molecular Weight:** 348.29

## Batch Information

**Batch No.:** 9885962  
**Test Date:** 2023-07-30  
**Report Date:** 2023-07-31  
**Retest Date:** 2029-01-24  
**Storage:** Store in a cool, dry area.  
**Origin:** China

## Test Item

Test	Specification	Result
Purity	99%+(HPLC)	99.97%
NMR	Consistent with structure	Consistent with structure
Optical Rotation	-590.0 to -610.0	-594.53

## Conclusion

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

## Signature

Reviewed by :



Reviewed by:



Approved by:

