

# Certificate of Analysis

## Compound Information

**Product Name:** (R)-2,2'-Bis(Di-3,5-Xylylphosphino)-1,1'-Binaphthyl  
**CAS No.:** 137219-86-4  
**Cat. No.:** G8797826  
**Molecular Formula:** C<sub>52</sub>H<sub>48</sub>P<sub>2</sub>  
**Molecular Weight:** 734.89

## Batch Information

**Batch No.:** 7307752  
**Test Date:** 2023-04-25  
**Report Date:** 2023-04-26  
**Retest Date:** 2028-10-20  
**Storage:** Store in a cool, dry area.  
**Origin:** China

## Test Item

Test	Specification	Result
Purity	96%(HPLC),99%ee	96.60%
NMR	Consistent with structure	Consistent with structure
Optical Rotation	169°	168.01

## Conclusion

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

## Signature

Reviewed by :



Reviewed by:



Approved by:

