

# Certificate of Analysis

## Compound Information

**Product Name:** (R)-(+)-1,1'-Binaphthyl-2,2'-Diamine  
**CAS No.:** 18741-85-0  
**Cat. No.:** G4454562  
**Molecular Formula:** C<sub>20</sub>H<sub>16</sub>N<sub>2</sub>  
**Molecular Weight:** 284.35

## Batch Information

**Batch No.:** 1809612  
**Test Date:** 2024-04-01  
**Report Date:** 2024-04-02  
**Retest Date:** 2029-09-27  
**Storage:** Store in a cool, dry area.  
**Origin:** China

## Test Item

Test	Specification	Result
Purity	98%+(GC-MS),99%ee	99.85%
NMR	Consistent with structure	Consistent with structure
Optical Rotation	156	158.57

## Conclusion

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

## Signature

Reviewed by :



Reviewed by:



Approved by:

