

# Certificate of Analysis

## Compound Information

**Product Name:** (-)-?-Phellandrene  
**CAS No.:** 4221-98-1  
**Cat. No.:** G7694033  
**Molecular Formula:** C<sub>10</sub>H<sub>16</sub>  
**Molecular Weight:** 136.23

## Batch Information

**Batch No.:** 3920672  
**Test Date:** 2023-09-11  
**Report Date:** 2023-09-12  
**Retest Date:** 2029-03-08  
**Storage:** Store in a cool, dry area.  
**Origin:** China

## Test Item

Test	Specification	Result
Purity	65%+(GC-MS)	81.94%
NMR	Consistent with structure	Consistent with structure
Optical Rotation	-170	-171.94

## Conclusion

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

## Signature

Reviewed by :



Reviewed by:



Approved by:

