

# Certificate of Analysis

## Compound Information

**Product Name:** (+)-?-Pinene  
**CAS No.:** 7785-70-8  
**Cat. No.:** G7633931  
**Molecular Formula:** C<sub>10</sub>H<sub>16</sub>  
**Molecular Weight:** 136.23

## Batch Information

**Batch No.:** 6000832  
**Test Date:** 2022-10-19  
**Report Date:** 2022-10-20  
**Retest Date:** 2028-04-15  
**Storage:** 2-8°C  
**Origin:** China

## Test Item

Test	Specification	Result
Purity	99%(GC-MS)	99.00%
NMR	Consistent with structure	Consistent with structure
Optical Rotation	'42~46	42.392

## Conclusion

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

## Signature

Reviewed by :



Reviewed by:



Approved by:

