

# Certificate of Analysis

## Compound Information

**Product Name:** (S)-(+)-1-Bromo-2-Methylbutane  
**CAS No.:** 534-00-9  
**Cat. No.:** G4176013  
**Molecular Formula:** C<sub>5</sub>H<sub>11</sub>Br  
**Molecular Weight:** 151.04

## Batch Information

**Batch No.:** 8254763  
**Test Date:** 2025-10-15  
**Report Date:** 2025-10-16  
**Retest Date:** 2031-04-12  
**Storage:** Store in a cool,dry area.  
**Origin:** China

## Test Item

| Test             | Specification                            | Result                    |
|------------------|--|---------------------------|
| Purity           | 98%(stabilized with potassium carbonate) | 99.52%                    |
| NMR              | Consistent with structure                | Consistent with structure |
| Optical Rotation | +4.5                                     | 4.82                      |

## Conclusion

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

## Signature

Reviewed by :



Reviewed by:



Approved by:

