

# Certificate of Analysis

## Compound Information

**Product Name:** (S)-2-Methylbutanoic Acid  
**CAS No.:** 1730-91-2  
**Cat. No.:** G9987569  
**Molecular Formula:** C<sub>5</sub>H<sub>10</sub>O<sub>2</sub>  
**Molecular Weight:** 102.13

## Batch Information

**Batch No.:** 5035242  
**Test Date:** 2025-02-17  
**Report Date:** 2025-02-18  
**Retest Date:** 2030-08-15  
**Storage:** Store in a cool, dry area.  
**Origin:** China

## Test Item

Test	Specification	Result
Purity	98%(GC-MS)	Conforms to specification
NMR	Consistent with structure	Consistent with structure
Optical Rotation	[ $\alpha$ ] <sub>D</sub> <sup>20</sup> +19	18.446

## Conclusion

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

## Signature

Reviewed by :



Reviewed by:



Approved by:

