

# Certificate of Analysis

## Compound Information

**Product Name:** L-(?)-Malic Acid Disodium Salt Hydrate  
**CAS No.:** 138-09-0  
**Cat. No.:** G9212516  
**Molecular Formula:**  $C_4H_6Na_2O_6$   
**Molecular Weight:** 196.05

## Batch Information

**Batch No.:** 7451363  
**Test Date:** 2025-09-16  
**Report Date:** 2025-09-17  
**Retest Date:** 2031-03-14  
**Storage:** Store in a cool, dry area.  
**Origin:** China

## Test Item

Test	Specification	Result
Purity	98%	Conforms to specification
NMR	Consistent with structure	Consistent with structure
Optical Rotation	-6.5?-7.5°	-7.35

## Conclusion

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

## Signature

Reviewed by :



Reviewed by:



Approved by:

