

# Certificate of Analysis

## Compound Information

**Product Name:** L-Valine tert-butyl ester hydrochloride  
**CAS No.:** 13518-40-6  
**Cat. No.:** G4163246  
**Molecular Formula:**  $C_9H_{19}NO_2 \cdot HCl$   
**Molecular Weight:** 209.72

## Batch Information

**Batch No.:** 3482722  
**Test Date:** 2024-06-25  
**Report Date:** 2024-06-26  
**Retest Date:** 2029-12-21  
**Storage:** Store in a cool, dry area.  
**Origin:** China

## Test Item

Test	Specification	Result
Purity	98%+	98.87%
NMR	Consistent with structure	Consistent with structure
Optical Rotation	+4.0 to +6.0	5.73

## Conclusion

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

## Signature

Reviewed by :



Reviewed by:



Approved by:

