

# Certificate of Analysis

## Compound Information

**Product Name:** (S)-2-Pyrrolidone-5-carboxylic acid t-butylester  
**CAS No.:** 35418-16-7  
**Cat. No.:** G6412914  
**Molecular Formula:** C<sub>9</sub>H<sub>15</sub>NO<sub>3</sub>  
**Molecular Weight:** 185.22

## Batch Information

**Batch No.:** 8680791  
**Test Date:** 2024-09-02  
**Report Date:** 2024-09-03  
**Retest Date:** 2031-02-28  
**Storage:** Store in a cool, dry area.  
**Origin:** China

## Test Item

Test	Specification	Result
Purity	97%+(GC)	99.99%
NMR	Consistent with structure	Consistent with structure
Optical Rotation	8~10	9.1

## Conclusion

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

## Signature

Reviewed by :



Reviewed by:



Approved by:

