

# Certificate of Analysis

## Compound Information

**Product Name:** (S)-(-)-Alpha-(Boc-Amino)-Gamma-Butyrolactone  
**CAS No.:** 40856-59-5  
**Cat. No.:** G3462633  
**Molecular Formula:** C<sub>9</sub>H<sub>15</sub>NO<sub>4</sub>  
**Molecular Weight:** 201.22

## Batch Information

**Batch No.:** 10090  
**Test Date:** 2022-05-09  
**Report Date:** 2022-05-10  
**Retest Date:** 2027-11-04  
**Storage:** Store in a cool,dry area.  
**Origin** China

## Test Item

Test	Specification	Result
Purity	98%+(GC-MS)	99.00%
NMR	Consistent with structure	Consistent with structure
Optical Rotation	-30.2	-31.5

## Conclusion

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

## Signature

Reviewed by :



Reviewed by:



Approved by:

