

# Certificate of Analysis

## Compound Information

**Product Name:** (S)-3-Amino-4-(((S)-1-Carboxy-2-Phenylethyl)Amino)-4-Oxobutanoic Acid  
**CAS No.:** 13433-09-5  
**Cat. No.:** G8628917  
**Molecular Formula:** C<sub>13</sub>H<sub>16</sub>N<sub>2</sub>O<sub>5</sub>  
**Molecular Weight:** 280.28

## Batch Information

**Batch No.:** 3880842  
**Test Date:** 2025-03-26  
**Report Date:** 2025-03-27  
**Retest Date:** 2030-09-21  
**Storage:** Store in a cool, dry area.  
**Origin:** China

## Test Item

| Test             | Specification             | Result                    |
|------------------|---------------------------|---------------------------|
| Purity           | 98%(HPLC)                 | 99.00%                    |
| NMR              | Consistent with structure | Consistent with structure |
| Optical Rotation | +11.0 to +15.0            | 13.01                     |

## Conclusion

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

## Signature

Reviewed by :



Reviewed by:



Approved by:

