

# Certificate of Analysis

## Compound Information

**Product Name:** (5S)-(-)-5-(Trifluoromethyl)-2-Pyrrolidinone  
**CAS No.:** 1287211-10-2  
**Cat. No.:** G9774819  
**Molecular Formula:** C<sub>5</sub>H<sub>6</sub>F<sub>3</sub>NO  
**Molecular Weight:** 153.1

## Batch Information

**Batch No.:** 6773613  
**Test Date:** 2024-08-19  
**Report Date:** 2024-08-20  
**Retest Date:** 2030-02-14  
**Storage:** 2-8°C  
**Origin:** China

## Test Item

| Test             | Specification             | Result                    |
|------------------|---------------------------|---------------------------|
| Purity           | 97%(NMR)                  | Conforms to specification |
| NMR              | Consistent with structure | Consistent with structure |
| Optical Rotation | -5.5                      | -3                        |

## Conclusion

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

## Signature

Reviewed by :



Reviewed by:



Approved by:

