

# Certificate of Analysis

## Compound Information

**Product Name:** (R)-(+)-2-Pyrrolidinone-5-Carboxylic Acid  
**CAS No.:** 4042-36-8  
**Cat. No.:** G3031610  
**Molecular Formula:** C<sub>5</sub>H<sub>7</sub>NO<sub>3</sub>  
**Molecular Weight:** 129.11

## Batch Information

**Batch No.:** 4552752  
**Test Date:** 2023-04-06  
**Report Date:** 2023-04-07  
**Retest Date:** 2028-10-01  
**Storage:** Store in a cool, dry area.  
**Origin:** China

## Test Item

Test	Specification	Result
Purity	98%+(HPLC)	Conforms to specification
NMR	Consistent with structure	Consistent with structure
Optical Rotation	+8.0 ? +12.0	9.33

## Conclusion

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

## Signature

Reviewed by :



Reviewed by:



Approved by:

