

# Certificate of Analysis

## Compound Information

**Product Name:** 1,10-Phenanthroline-4-Carboxylic Acid  
**CAS No.:** 31301-27-6  
**Cat. No.:** G6392084  
**Molecular Formula:** C<sub>13</sub>H<sub>8</sub>N<sub>2</sub>O<sub>2</sub>  
**Molecular Weight:** 224.21

## Batch Information

**Batch No.:** 7836202  
**Test Date:** 2023-10-17  
**Report Date:** 2023-10-18  
**Retest Date:** 2029-04-13  
**Storage:** Store in a cool, dry area.  
**Origin:** China

## Test Item

| Test   | Specification             | Result                    |
|--------|---------------------------|---------------------------|
| Purity | 98%(HPLC)                 | 98.93%                    |
| NMR    | Consistent with structure | Consistent with structure |

## Conclusion

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

## Signature

Reviewed by :



Reviewed by:



Approved by:

