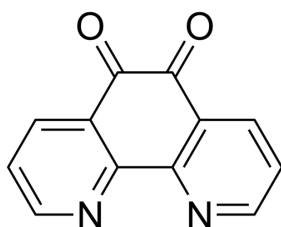


## Certificate of Analysis

**Product Name:** 1,10-Phenanthroline-5,6-dione  
**Cat. No.:** CS-D0379  
**CAS No.:** 27318-90-7  
**Batch No.:** 102531

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>12</sub>H<sub>6</sub>N<sub>2</sub>O<sub>2</sub>  
**Molecular Weight:** 210.19  
**Storage:** Store at room temperature  
**Chemical Structure:**



### ANALYTICAL DATA

**Appearance:** Light yellow to yellow (Solid)  
**<sup>1</sup>H NMR Spectrum:** Consistent with structure  
**Purity (NMR):** ≥98.0%  
**Conclusion:** The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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