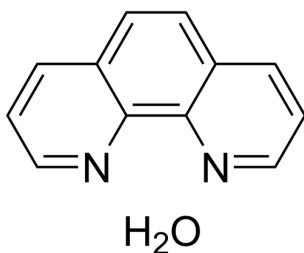


## Certificate of Analysis

### Compound Information

Product Name:	o-Phenanthroline (monohydrate)
Cat. No.:	1034276
CAS No.:	5144-89-8
Molecular Formula:	C <sub>12</sub> H <sub>10</sub> N <sub>2</sub> O
Molecular Weight:	198.22
Chemical Structure:	



### Batch Information

Batch No.:	Ld031200100
Storage:	2-8°C, sealed storage, away from moisture
Test Date:	2020-03-13
Retest Date:	2023-03-12
Origin:	Shanghai, China

### QC Summary

Appearance:	White to off-white (Solid)
<sup>1</sup> H NMR Spectrum:	Consistent with structure
Purity (HPLC):	99.38%
Conclusion:	The product has been tested and complies with the given specifications.

Caution: Research use only and are not intended for human use.

Tel: 400-821-0725

E-mail: [product@leyan.com](mailto:product@leyan.com)

Address: No. 1999 Zhangheng Road, Building 3, Zhangjiang High-Tech Park, Shanghai