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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: 1,10-Phenanthroline Chloride Monohydrate**

### Identification:

Chemical Name: 1,10-Phenanthroline hydrochloride hydrate

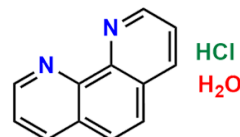
Synonyms : NA

CAS Number : 18851-33-7

CAT Number : CP-CS1460

Molecular Formula : C<sub>12</sub>H<sub>8</sub>N<sub>2</sub> : HCl : H<sub>2</sub>O

Molecular Weight : 180.2 : 36.5 : 18.0



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	<sup>1</sup> H NMR	Confirm to structure



### Prepared and Reviewed By



Ms Priyanka Salunkhe  
(Quality Control)

### Approved By



Ms Rohini Gagare  
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.