



## Specification

### Neocuproine Hydrochloride

**Catalog Number:** NH1002  
**CAS Number:** 7296-20-0  
**Synonym(s):** 2,9-dimethyl-1,10-phenanthroline HCl; 2,9-dimethyl-o-phenanthroline HCl.  
**Molecular Formula:** C<sub>14</sub>H<sub>12</sub>N<sub>2</sub>\*HCl\*H<sub>2</sub>O  
**Molecular Weight:** 262.75

Test	Specification
Appearance:	White to light yellow crystalline powder
Identification:	Conforms to structure and standard
Melting Point:	250 Deg. C (dec.)
Assay (TLC):	98 % minimum
Assay Total base:	>98.5%
Sulfated Ash:	<0.1%
Clarity of solution:	Passes test
Sensitivity to copper:	Passes test

Approved:

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