



Specification

Neocuproine ACS

Catalog Number: NC1011
CAS Number: 484-11-7
Synonym(s): 2,9-dimethyl-1,10-phenanthroline; 2,9-dimethyl-o-phenanthroline.
Molecular Formula: C₁₄H₁₂N₂
Molecular Weight: 208.26

Test	Specification
Description:	White to Off-White crystalline powder
Identification:	Conforms to structure and standard
Melting Point:	158 – 164° C
Loss on drying:	6.0% maximum
Assay (GC):	98 % minimum
Residue on Ignition:	0.1% maximum
Clarity of solution:	To Pass test
Sensitivity to copper:	To Pass test
Solubility: (50 mg/ml in Methanol)	Clear colorless to light yellow solution

Approved:

Date: April 15, 2020

John Grubb, PhD
Gojira Fine Chemicals
Quality Manager
Tel: 440-252-5397, Fax: 888-211-5523
docsupport@gojirafc.com