



Primarius
Custom Synthesis Pvt. Ltd.

Specification Data sheet

NEOCUPROINE ACS

Synonyms	:	2,9-dimethyl-1,10phenanthroline;2,9-dimethyl-o-phenanthroline
CAS Number	:	484-11-7
Chemical Formula	:	C₁₄H₁₂N₂
Formula Weight	:	208.26
Description	:	White to Off-White crystalline powder
Identification	:	Conforms to structure and standard
Melting Point	:	159 – 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	:	Clear colorless to light yellow solution(50 mg/ml in Methanol)
Effective	:	01/07/09