



Specification

1,10-Phenanthroline Anhydrous

Catalog Number: PH1020
CAS Number: 66-71-7
Synonym(s): o-Phenanthroline
Molecular Formula: C₁₂H₈N₂
Molecular Weight: 180.20

Test	Specification
Appearance:	White to off-white to light yellow or light pink powder or crystalline powder.
Assay: (Titration by HClO ₄)	99.0 – 101.0%
Identification (IR):	Conforms to structure
Melting Point:	114°C - 120°C
Sulfated Ash:	0.1 % maximum
Loss on drying:	2% maximum

Approved:

Date: April 14, 2020

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