

Gojira Fine Chemicals, LLC

Quality Products & Services Meeting Customer Needs
5386 Majestic Parkway, Suite 7, Bedford Heights, OH 44146
www.qojirafc.com • sales@qojirafc.com

Specification

1,10-Phenanthroline Monohydrochloride Monohydrate

Catalog Number: PH1018 CAS Number: 3829-86-5

Synonym(s): o-Phenanthroline; 1,10-Phenanthroline

hydrochloride 1 HY; Phenanthroline

hydrochloride 1 HY

Molecular Formula: C12H8N2*HCI*H2O

Molecular Weight: 234.69

Test	Specification
Appearance:	White to light yellow to light purple powder
Loss on Drying:	8 – 10%
Melting Point:	224°C to 227°C
Assay:	97% minimum
Residue after ignition:	0.2% maximum
Solubility:	Clear, colorless solution
100 mg/ml, H2O	

Date: April 14, 2020

Approved:

John Grubb, PhD Gojira Fine Chemicals

Quality Manager

Tel: 440-252-5397, Fax: 888-211-5523

docsupport@gojirafc.com

John Grubb