

Gojira Fine Chemicals, LLC

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

Specification

1,10-Phenanthroline 1 Hydrate ACS

Catalog Number: PH1019 CAS Number: 5144-89-8

Synonym(s): o-Phenanthroline monohydrate; 4,5—Phenanthroline

monohydrate

Molecular Formula: C12H8N2 * H2O

Molecular Weight: 198.22

| Test | Specification |
|------------------------------------|---|
| Description: | White needle-like crystals, Becoming cream-colored in Storage |
| Melting Point: | >98 Deg. C |
| Suitability as redox indicator: | To Pass Test |
| Suitability for determining iron: | To Pass Test |
| Solubility (1 gm in 10ml ethanol): | Clear and colorless |
| Assay (dry basis): | >99.0 |

Date: April 15, 2020

Approved:

John Grubb, PhD Gojira Fine Chemicals

Quality Manager

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

ohn grubb

docsupport@gojirafc.com