



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

Approved:

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