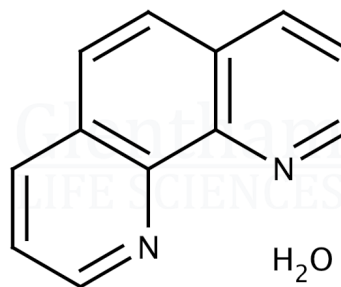


Product Specification

Product Name	1,10-Phenanthroline monohydrate, ACS grade
Glenthams Code	GE7599
CAS Number	5144-89-8
EINECS	200-629-2
MDL Number	MFCD00149973
Additional CAS	66-71-7 (anhydrous)

Molecular Weight	198.23
Molecular Formula	$C_{12}H_8N_2 \cdot H_2O$
Storage Temp.	+20°C



Property	Specification
Physical Description	White to almost white crystalline powder or crystals
Solubility (10% in ethanol)	Clear and colourless solution
Melting Point	≥ 98.0°C
Suitability as redox indicator	According to ACS
Suitability for Iron Determination	According to ACS
Assay (dried basis)	≥ 99.0%

Specification Version	- v1.0
Date Created	- 2023-12-22

Glenthams Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glenthams.com or contact us using the details above for the current version of this document.

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