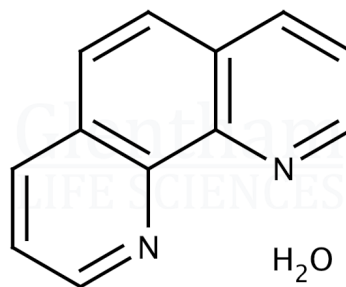


Product Specification

Product Name	1,10-Phenanthroline monohydrate
Glentham Code	GE7007
CAS Number	5144-89-8
EINECS	200-629-2
MDL-Nummer	MFCD00149973
PubChem SID	310278693
Zusätzliche 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
Identification (IR)	To conform to standard
Solubility (10% in ethanol)	Clear to faintly turbid, colourless to faint yellow solution
Melting Point	98.0 - 104.0 °C (clear melt)
Water	8.5 - 10.5 %
Assay (Titration)	≥ 99.0%
Specification Version	- v1.2
Date Created	- 2023-06-24

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

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