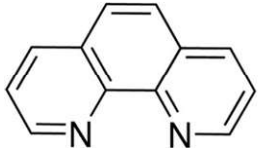




## 1,10-PHENANTHROLINE HYDROCHLORIDE AR

<b>PRODUCTCODE</b>	<b>R05645</b>	
<b>SYNONYMS</b>	--	
<b>C.I. NO.</b>	--	
<b>CASR NO.</b>	18851-33-7	
<b>ATOMICORMOLECULARFORMULA</b>	$C_{12}H_8N_2 \cdot HCl \cdot H_2O$	 <ul style="list-style-type: none"> <li>• HCl</li> <li>• H<sub>2</sub>O</li> </ul>
<b>ATOMICORMOLECULARWEIGHT</b>	234.69	
<b>PROPERTIES</b>	---	

PARAMETER	LIMIT
Description	Awhitecrystallinepowder, becomingwhitetopinkishcolouredonstorage.
Solubility	5%solutioninwaterisclearandcolourless.
MinimumAssay(Acidimetricdried)	99.5%
MeltingPoint(Dec.)	215–220°C
Suitabilityasindicator	Passesest.
Sensitivitytestforiron(II) ions	Passesest.
MAXIMUMLIMITOFIMPURITIES	
Substanceinsolubleinwater	Passesest.
Sulphatedash	0.2%
Water	7.0-8.5%

**Note(s):1]Assay(ifapplicable)methodmentioned.**

<p><b>DANGER</b>  <b>Hazardstatements:</b>Toxicifswallowed.Verytoxictoaquaticlife.  <b>Precautionarystatements</b>  <b>Prevention:</b>Donoteat,drinkorskemokewhenusingthisproduct.Washhandsthoroughlyafterhandling.  <b>Response:</b>IFSWALLOWED:ImmediatelycallaPOISONCENTERor doctor/physician.          Specific treatment: referto LabelorMSDS.</p>	<p>IMDGCode:6.1/II          UNNo. 2811          IATA :6.1</p>
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**Disposal:**Disposeofcontentsandcontainer inaccordancewithrelevantlegislation.

HazardPictogram(s):



GHS06



GHS09

Replace Date 1 April 2023