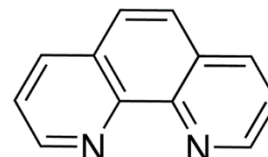


## 1,10-PHENANTHROLINE HYDROCHLORIDE AR

<b>PRODUCT CODE</b>	<b>313585</b>
<b>SYNONYMS</b>	--
<b>C.I. NO.</b>	--
<b>CASR NO.</b>	<b>18851-33-7</b>
<b>ATOMIC ORMOLECULAR FORMULA</b>	<b>C<sub>12</sub>H<sub>8</sub>N<sub>2</sub>·HCl.H<sub>2</sub>O</b>
<b>ATOMIC ORMOLECULAR WEIGHT</b>	<b>234.69</b>
<b>PROPERTIES</b>	---



• HCl  
• H<sub>2</sub>O

PARAMETER	LIMIT
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Description	A white crystalline powder, becoming white to pinkish coloured on storage.
Solubility	5% solution in water is clear and colourless.
Minimum Assay (Acidimetric dried)	99.5%
Melting Point (Dec.)	215 – 220°C
Suitability as indicator	Passes test.
Sensitivity test for iron (II) ions	Passes test.

### MAXIMUM LIMIT OF IMPURITIES

Substance insoluble in water	Passes test.
Sulphated ash	0.2%
Water	7.0 - 8.5%

**Note(s) : 1] Assay (if applicable) method mentioned.**

#### DANGER

**Hazard statements:** Toxic if swallowed. Very toxic to aquatic life.

#### Precautionary statements

**Prevention:** Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling.

**Response:** IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Specific treatment: refer to Label or MSDS.

IMDG Code : 6.1/II

UN No. : 2811

IATA : 6.1

**Disposal:** Dispose of contents and container in accordance with relevant legislation.

Hazard Pictogram(s) :



GHS06



GHS09

Replace date: 17-June-2023