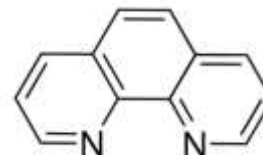


1,10-PHENANTHROLINE HYDROCHLORIDE AR

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



• HCl

• H₂O

PARAMETER	LIMIT
Description	White to off-white to pale pink to light purple crystalline powder.
Solubility 1% aq. solution	Clear
Minimum Assay (Acidimetric dried)	99.5%
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 (KF)	7 - 10%

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: 15-Oct-2025