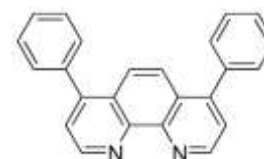


## BATHOPHENANTHROLINE AR (REAGENT FOR COLORIMETRIC DETERMINATION OF IRON)

<b>PRODUCT CODE</b>	462065
<b>SYNONYMS</b>	(4,7-Diphenyl-1,10-phenanthroline)
<b>C.I. NO.</b>	--
<b>CASR NO.</b>	(1662-01-7)
<b>ATOMIC OR MOLECULAR FORMULA</b>	C <sub>24</sub> H <sub>16</sub> N <sub>2</sub>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	332.41
<b>PROPERTIES</b>	---



PARAMETER	LIMIT
Description	White to off white/light yellow powder, needles, flakes or crystals.
Solubility	0.1% Solution in methanol is clear and bright.
Minimum assay(Non-aqueous )	99.5%
Sensitivity as reagent for Iron (Molar Absorptivity of Ferrous Complex 22,000min.)	Passes test.

MAXIMUM LIMIT OF IMPURITY	
Sulphated ash	0.1%

**Note(s) :** 1) Assay (if applicable) method mentioned  
2) An extremely sensitive reagent for the photometric determination of traces of iron (II)

<b>WARNING</b>	IMDG Code : UN No. : IATA :
<b>Hazard statements:</b> Not hazardous. No hazards.	
<b>Precautionary statements</b>	
<b>Prevention:</b> ----- <b>Response:</b> -----	

<b>Disposal:</b> -----
<b>Hazard Pictogram(s) :-----</b>

Replace Date 11-Dec-21