

## SPECIFICATION

**Product Code: 24640**



**Product Name: 1,10-PHENANTHROLINE AR MONOHYDRATE  
REDOX INDICATOR**



$C_{12}H_8N_2 \cdot H_2O$

M.W. 198.23

Minimum assay	99.5%
Water	8.8 – 9.5%
Sensitivity as reagent for iron	min.1:10,000,000
Sensitivity as redox indicator	passes test
Melting point	100 -104 <sup>0</sup> c
Maximum Limits of Impurities:	
Sulphated ash	0.05%

(Reagent for the colorimetric determination of iron

Base for oxidation-reduction indicator)

**CAS No. :5144- 89- 8**

**R: 25- 50/53**

**S: 45- 60- 61**

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