



81067

## 1,10-Phenanthroline Monohydrate extrapure AR, ACS, ExiPlus, Multi-Compendial, 99.5%

Part B

CAS : 5144-89-8

Molecular Formula : C<sub>12</sub>H<sub>8</sub>N<sub>2</sub>.H<sub>2</sub>O

Molecular Weight : 198.22

### Specifications

ExiPlus	Meets compendial specs of USP
Appearance (Colour)	White to off white
Appearance (Form)	Crystalline powder / needle shape crystals
Assay (NT)	min. 99.5%
Melting Point	95 - 103°C
Sulphated Ash	max. 0.05%
Sensitivity for Iron (Fe)	Passes test
Sensitivity as redox indicator	Passes test
Water	8.8 - 9.6%

### General Information

Storage	25 to 40°C (Room Temperature)
Shelf Life	60 Months
IMDG Identification	UN No.:2811 , IMCO Class No.:6.1 , Packing Group:III
HSN Code	
100 Gms	29339990 (GST 18%)
25 Gms	29339990 (GST 18%)
5 Gms	29339990 (GST 18%)
500 Gms	29339990 (GST 18%)
Type of Packing	
100 Gms	Glass Bottle
25 Gms	Glass Bottle

### Available Packages

5 Gms

#### Disclaimer

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