

## Specification Sheet

Product Name: **1,7-Phenanthroline**  
Specifications & Purity: **99%**  
SKU #: **P119923**

| Parameter                      | Limit Values                            |
|--------------------------------|-----------------------------------------|
| Purity(HPLC)                   | 99-100 (%)                              |
| Nitrogen by Elemental Analysis | 15.3-15.8 (%)                           |
| Carbon by Elemental Analysis   | 78.8-81.2 (%)                           |
| Appearance (P119923)           | white to light brown powder or crystals |
| Proton NMR spectrum            | Conforms to structure                   |
| Melting point                  | 78-82 (°C)                              |