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## Specification Sheet

Product Name: **1,10-Phenanthroline-2,9-dicarboxylic acid hydrate**  
Specifications & Purity: **98%**  
SKU #: **P122853**

### Parameter

Carbon by Elemental Analysis(anhydrous)  
Purity(HPLC)  
Nitrogen by Elemental Analysis (anhydrous)  
Appearance (P122853)  
Infrared spectrum  
Proton NMR spectrum

### Limit Values

60.7-62.9 (%)  
98-100 (%)  
9.6-10.9 (%)  
Yellow to Orange Powder and/or Chunks  
Conforms to Structure  
Conforms to Structure

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