

## Certificate of Analysis

Date of Testing: 2023-07-05 12:21:03  
Date of Next Testing: 2027-07-04 12:21:03  
Product Name: **2,9-Diphenyl-1,10-phenanthroline**  
CAS Number: 25677-69-4  
Specifications & Purity:  $\geq 98.0\%$ (HPLC)  
Lot #: F2327258  
SKU #: **D154540**  
Analysis: **081231**

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.82600 %
Melting point	186-190 (°C)	187.68000 °C
Appearance (D154540)	White to Yellow powder to crystal	White to Yellow powder to crystal
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager