

## Certificate of Analysis

Date of Testing: 2023-10-24 16:21:03  
Date of Next Testing: 2027-10-23 16:21:03  
Product Name: **N,N'-Di(4-biphenyl)-N,N'-diphenylbenzidine**  
CAS Number: 134008-76-7  
Specifications & Purity: 98%  
Lot #: J2318511  
SKU #: **N159567**  
Analysis: **274184**

Parameter	Limit Values	Result
Melting point	208-218 (°C)	208.32000 °C
Purity(HPLC area)	98-100 (%)	99.32 %
Appearance(N159567)	White to Orange to Green powder to crystal	White to Orange to Green powder to crystal
NMR Spectrum 1H	Conforms to structure	Conforms to Structure



John Su  
QA & QC Manager