

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-18 15:41:15
 Date of Next Testing: 2029-10-17 15:41:15
 Product Name: **N,N'-Diphenyl-p-phenylenediamine**
 CAS Number: 74-31-7
 Specifications & Purity: $\geq 98\%$
 Lot #: J2513449
 SKU #: **D102501**
 Version: **2**
 Analysis #: **382057**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.99000 %
Purity(Nonaqueous Titration)	97.5-102.5 (%)	97.85000 %
Melting point	143-145 (°C)	143.20000 °C
Proton NMR spectrum	Conforms to structure	Conforms to Structure
Appearance (D102501)	White to Gray to Brown powder to lump	White to Gray to Brown powder to lump
Solubility in Toluene	almost transparency	almost transparency



John Su
QA & QC Manager