

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-10-24 12:08:24  
Date of Next Testing: 2028-10-23 12:08:24  
Product Name: **Diphenylamine**  
CAS Number: 122-39-4  
Specifications & Purity: AR, ≥99%(GC)  
Lot #: J2422719  
SKU #: **D112594**  
Version: **3**  
Analysis #: **415390**  
Storage Temperature: Protected from light,Room temperature,Argon charged

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.62 %
Melting point	53-55 (°C)	54.97000 °C
Ignition Residue (as sulfate)	0-0.01 (%)	0.00 %
Appearance (D112594)	Off-White to Yellow to Beige Powder,Chunk or solid	Off-White to Yellow to Beige Powder,Chunk or solid
Solubility in EtOH , Colorless,Clear,2%	pass	Pass
(NO3)Nitrate	Passes test	Passes test
Infrared spectrum	Conforms to Structure	Conforms to Structure
Sensitivity to nitrate C6H5NH2	pass Passes test	Pass Passes test



John Su  
QA & QC Manager