

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-02-22 13:04:38
 Date of Next Testing: 2027-02-21 13:04:38
 Product Name: **Diphenylamine**
 CAS Number: 122-39-4
 Specifications & Purity: AR, ≥99%(GC)
 Lot #: B2316464
 SKU #: **D112594**
 Version: **3**
 Analysis #: **145959**
 Storage Temperature: Protected from light, Room temperature, Argon charged

Parameter	Limit Values	Result
Carbon by Elemental Analysis	84.3-86 (%)	85.62 %
Nitrogen by Elemental Analysis	8-8.6 (%)	8.32 %
Ignition Residue	0-0.03 (%)	0.02 %
Purity(GC)	99-100 (%)	99.73 %
Melting point	53-55 (°C)	54.78000 °C
Appearance (D112594)	Off-White to Yellow to Beige Powder, Chunk or solid	Off-White to Yellow to Beige Powder, Chunk or solid
(NO3)Nitrate	Passes test	Passes test
Sensitivity to nitrate	pass	Pass
Solubility in EtOH , Colorless, Clear, 2%	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager