

Certificate of Analysis

Date of Testing: 2024-11-25 11:10:37

Date of Next Testing: 2028-11-24 11:10:37

Product Name: **Diphenylamine**

CAS Number: 122-39-4

Specifications & Purity: AR, ≥99%(GC)

Lot #: K2418028

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	pass	Pass
EtOH , Colorless, Clear, 2%		
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager