

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2023-08-05 14:40:00
Date of Next Testing:	2027-08-04 14:40:00
Product Name:	Diphenylamine
CAS Number:	122-39-4
Specifications & Purity:	AR, ≥99%(GC)
Lot #:	G2329045
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