

Certificate of Analysis

Date of Testing: 2025-01-10 16:13:14

Date of Next Testing: 2029-01-09 16:13:14

Product Name: **Diphenylamine**

CAS Number: 122-39-4

Specifications & Purity: AR, ≥99%(GC)

Lot #: A2507461

SKU #: **D112594**

Version: **3**

Analysis #: **452943**

Storage Temperature: Protected from light,Room temperature,Argon charged

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.41 %
Melting point	53-55 (°C)	54.98000 °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	pass	Pass
C6H5NH2	Passes test	Passes test



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