

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-10-24 10:07:21
Date of Next Testing: 2028-10-23 10:07:21
Product Name: **Diphenylamine**
CAS Number: 122-39-4
Specifications & Purity: AR, ≥99%(GC)
Lot #: J2422713
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 |
| (NO ₃)Nitrate | Passes test | Passes test |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |
| Sensitivity to nitrate C ₆ H ₅ NH ₂ | pass Passes test | Pass Passes test |



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QA & QC Manager