

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-03-05 11:12:13

Date of Next Testing: 2028-03-04 11:12:13

Product Name: **4,5-Diphenylimidazole**

CAS Number: 668-94-0

Specifications & Purity: $\geq 98\%$

Lot #: C2401204

SKU #: **D111091**

Version: **0**

Analysis #: **316835**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(Titration by HClO ₄)	97.5-102.5 (%)	100.82000 %
Melting point	231-237 (°C)	235.04000 °C
Purity(HPLC)	98-100 (%)	99.49000 %
Appearance (D111091)	White Powder or Crystals	White Powder or Crystals
Solubility in MeOH	almost transparency	almost transparency
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager