

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-06-12 14:21:37

Date of Next Testing: 2028-06-11 14:21:37

Product Name: **5,6-Dimethylbenzimidazole**

CAS Number: 582-60-5

Specifications & Purity: $\geq 99\%$

Lot #: F2403385

SKU #: **D109360**

Version: **0**

Analysis #: **162472**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.32600 %
Loss on drying	0-0.5 (%)	0.25918 %
Melting point	203-206 (°C)	203.11000 °C
Appearance (D109360)	White to Light Yellow Powder or Crystals	White to Light Yellow Powder or Crystals
Solubility in MeOH	almost transparency	almost transparency
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager