

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-08-09 13:14:07

Date of Next Testing: 2027-08-08 13:14:07

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

CAS Number: 582-60-5

Specifications & Purity: $\geq 99\%$

Lot #: G2325028

SKU #: **D109360**

Version: **0**

Analysis #: **002945**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Melting point	203-206 (°C)	205.43000 °C
Purity(HPLC)	98-100 (%)	99.72900 %
Loss on drying	0-0.5 (%)	0.02730 %
Appearance (D109360)	White to Light Yellow Powder or Crystals	White to Light Yellow Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in MeOH	almost transparency	almost transparency



John Su
QA & QC Manager