

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-12-10 10:21:06

Date of Next Testing: 2029-12-09 10:21:06

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

CAS Number: 582-60-5

Specifications & Purity:  $\geq 99\%$

Lot #: L2508593

SKU #: **D109360**

Version: **0**

Analysis #: **611903**

Storage Temperature: Room temperature

| Parameter            | Limit Values                             | Result                                   |
|----------------------|------------------------------------------|------------------------------------------|
| Melting point        | 203-206 (°C)                             | 205.30000 °C                             |
| Loss on drying       | 0-0.5 (%)                                | 0.25035 %                                |
| Purity(HPLC)         | 98-100 (%)                               | 100.00000 %                              |
| 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