

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-10-18 13:44:06
 Date of Next Testing: 2027-10-17 13:44:06
 Product Name: **1-Methylbenzimidazole**
 CAS Number: 1632-83-3
 Specifications & Purity: $\geq 99\%$
 Lot #: J2311066
 SKU #: **M110306**
 Version: **2**
 Analysis #: **103478**
 Storage Temperature: Store at -20°C , Argon charged

Parameter	Limit Values	Result
Melting point	58-64 ($^{\circ}\text{C}$)	60.58000 $^{\circ}\text{C}$
Nitrogen by Elemental Analysis	20.8-21.5 (%)	21.20000 %
Carbon by Elemental Analysis	71.6-73.8 (%)	72.30000 %
Purity(GC)	99-100 (%)	99.27500 %
Proton NMR spectrum	Conforms to structure	Conforms to Structure
Appearance (M110306)	White to Off-White to Light yellow to light brown to dark brown Flakes, Powder, Flake or Crystals	White to Off-White to Light yellow to light brown to dark brown Flakes, Powder, Flake or Crystals



John Su
QA & QC Manager