

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-11-15 14:33:46

Date of Next Testing: 2027-11-14 14:33:46

Product Name: **2-Mercaptobenzimidazole**

CAS Number: 583-39-1

Specifications & Purity: $\geq 98\%$

Lot #: K2302058

SKU #: **M111104**

Version: **1**

Analysis #: **276303**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	18.2-19.1 (%)	18.78000 %
Purity(HPLC)	98-100 (%)	99.65700 %
Carbon by Elemental Analysis	54.6-57.4 (%)	56.38000 %
Appearance (M111104)	White to Off-White Powder	White to Off-White Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in hot MeOH	almost transparency	almost transparency



John Su
QA & QC Manager