

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-04-09 17:37:34
 Date of Next Testing: 2028-04-08 17:37:34
 Product Name: **2-Mercaptobenzimidazole**
 CAS Number: 583-39-1
 Specifications & Purity: $\geq 98\%$
 Lot #: D2407403
 SKU #: **M111104**
 Version: **1**
 Analysis #: **331754**
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	18.2-19.1 (%)	18.56900 %
Purity(HPLC)	98-100 (%)	98.76100 %
Carbon by Elemental Analysis	54.6-57.4 (%)	55.82500 %
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