

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-11-04 16:37:37

Date of Next Testing: 2028-11-03 16:37:37

Product Name: **2-Mercaptobenzimidazole**

CAS Number: 583-39-1

Specifications & Purity:  $\geq 98\%$

Lot #: J2424703

SKU #: **M111104**

Version: **1**

Analysis #: **419689**

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

| Parameter                      | Limit Values              | Result                    |
|--------------------------------|---------------------------|---------------------------|
| Nitrogen by Elemental Analysis | 18.2-19.1 (%)             | 18.55000 %                |
| Purity(HPLC)                   | 98-100 (%)                | 100.00000 %               |
| Carbon by Elemental Analysis   | 54.6-57.4 (%)             | 55.56400 %                |
| Appearance (M111104)           | White to Off-White Powder | White to Off-White Powder |
| Proton NMR spectrum            | Conforms to Structure     | Conforms to Structure     |
| Solubility in hot MeOH         | almost transparency       | almost transparency       |



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QA & QC Manager