

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-07-11 13:09:44

Date of Next Testing: 2028-07-10 13:09:44

Product Name: **2-Mercaptobenzimidazole**

CAS Number: 583-39-1

Specifications & Purity:  $\geq 98\%$

Lot #: F2429292

SKU #: **M111104**

Version: **1**

Analysis #: **373147**

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

| Parameter                      | Limit Values              | Result                    |
|--------------------------------|---------------------------|---------------------------|
| Nitrogen by Elemental Analysis | 18.2-19.1 (%)             | 18.50000 %                |
| Purity(HPLC)                   | 98-100 (%)                | 98.90900 %                |
| Carbon by Elemental Analysis   | 54.6-57.4 (%)             | 55.67600 %                |
| 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       |



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