

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-09-19 16:05:58

Date of Next Testing: 2026-09-18 16:05:58

Product Name: **Benzimidazole (BZI)**

CAS Number: 51-17-2

Specifications & Purity: AR, ≥98%(HPLC)

Lot #: I2214424

SKU # **B106095**

Version **1**

**Analysis #:** **098424**

Storage Temperature: Room temperature, Desiccated, Cool

| Parameter                               | Limit Values          | Result                |
|-----------------------------------------|-----------------------|-----------------------|
| Purity(Titration by HClO <sub>4</sub> ) | 97.5-102.5 (%)        | 99.99000 %            |
| Purity(HPLC)                            | 98-100 (%)            | 99.53400 %            |
| Melting point                           | 170-176 (°C)          | 173.85000 °C          |
| Appearance (B106095)                    | White to brown solid  | White to brown solid  |
| Proton NMR spectrum                     | Conforms to Structure | Conforms to Structure |

A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager