

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

# Certificate of Analysis

Date of Testing: 2023-02-17 10:44:09

Date of Next Testing: 2027-02-16 10:44:09

Product Name: **1-Methylpyrazole-4-boronic acid pinacol ester**

CAS Number: 761446-44-0

Specifications & Purity:  $\geq 97\%$

Lot #: B2310820

SKU #: **M120142**

Version **1**

**Analysis #:** **176358**

Storage Temperature: Room temperature

| Parameter            | Limit Values                                                | Result                                                      |
|----------------------|-------------------------------------------------------------|-------------------------------------------------------------|
| Melting point        | 59-64 (°C)                                                  | 63.59000 °C                                                 |
| Purity(GC)           | 97-100 (%)                                                  | 98.50800 %                                                  |
| Appearance (M120142) | White to off-white to yellow Powder, Crystals and/or Chunks | White to off-white to yellow Powder, Crystals and/or Chunks |
| Infrared spectrum    | Conforms to Structure                                       | Conforms to Structure                                       |
| Proton NMR spectrum  | Conforms to structure                                       | Conforms to Structure                                       |



John Su  
QA & QC Manager