

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-06-21 13:13:34

Date of Next Testing: 2028-06-20 13:13:34

Product Name: **Zinc 2-methylimidazole MOF (ZIF-8)**

CAS Number: 59061-53-9

Specifications & Purity: ZN= 28-30WT%

Lot #: F2512176

SKU #: **Z282555**

Version: **1**

Analysis #: **443830**

Storage Temperature: Room temperature, Argon charged

| Parameter                      | Limit Values          | Result                |
|--------------------------------|-----------------------|-----------------------|
| Carbon by Elemental Analysis   | 42-44 (%)             | 42.35000 %            |
| Nitrogen by Elemental Analysis | 24-26 (%)             | 24.96200 %            |
| Zinc by Elemental Analysis     | 28-30 (%)             | 28.17000 %            |
| Appearance(Z282555)            | White Powder          | White powder          |
| Infrared spectrum              | Conforms to Structure | Conforms to Structure |



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QA & QC Manager