

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-05-13 14:33:49

Date of Next Testing: 2030-05-12 14:33:49

Product Name: **4,5-Dicyanoimidazole(DCI)**

CAS Number: 1122-28-7

Specifications & Purity:  $\geq 98\%$

Lot #: D2623200

SKU #: **D109319**

Version: **1**

Analysis #: **706004**

Storage Temperature: Store at 2-8°C, Desiccated

| Parameter                                                | Limit Values                               | Result                                     |
|----------------------------------------------------------|--------------------------------------------|--------------------------------------------|
| Purity(HPLC)                                             | 98-100 (%)                                 | 99.97600 %                                 |
| Nitrogen by Elemental Analysis                           | 46-47.9 (%)                                | 47.61300 %                                 |
| Carbon by Elemental Analysis                             | 49.3-51.3 (%)                              | 50.68200 %                                 |
| Appearance (D109319)                                     | White to Orange to Green powder to crystal | White to Orange to Green powder to crystal |
| Proton NMR spectrum                                      | Conforms to Structure                      | Conforms to Structure                      |
| Solubility, Clear, Colorless, 1.2 gm/10 ml; Acetonitrile | pass                                       | Pass                                       |



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QA & QC Manager