

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-05-17 13:34:22
 Date of Next Testing: 2029-05-16 13:34:22
 Product Name: **4,5-Dicyanoimidazole(DCI)**
 CAS Number: 1122-28-7
 Specifications & Purity: $\geq 99\%$
 Lot #: E2506134
 SKU #: **D109320**
 Version: **2**
 Analysis #: **500523**
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Carbon by Elemental Analysis	49.8-51.3 (%)	50.55000 %
Nitrogen by Elemental Analysis	46.4-47.9 (%)	47.56700 %
Purity(HPLC)	99-100 (%)	99.93200 %
Water by Karl Fischer	0-0.5 (%)	0.24480 %
Appearance (D109320)	White to Orange to Green powder to crystal	White to Orange to Green powder to crystal
Solubility,Clear , Colorless , 1.2 gm/10 ml; Acetonitrile	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager