

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2024-05-15 17:32:37
Date of Next Testing:	2028-05-14 17:32:37
Product Name:	4,5-Dicyanoimidazole
CAS Number:	1122-28-7
Specifications & Purity:	99%
Lot #:	E2411179
SKU #	D109320
Analysis:	345590
Storage Temperature:	Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.77900 %
Water by Karl Fischer	0-0.5 (%)	0.05 %
Carbon by Elemental Analysis	49.8-51.3 (%)	51.28 %
Nitrogen by Elemental Analysis	46.4-47.9 (%)	47.77 %
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