

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-11-10 15:08:47  
Date of Next Testing: 2027-11-09 15:08:47  
Product Name: **4-Cyanoimidazole-5-carboxamide hydrate**  
CAS Number: 5372-23-6  
Specifications & Purity: 95%  
Lot #: K2306258  
SKU #: **C153697**  
**Analysis: 280431**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC area)	95-100 (%)	97.87 %
Water by Karl Fischer	0-7 (%)	1.44 %
NMR Spectrum 1H	Conforms to structure	Conforms to Structure
Appearance(C153697)	White to cream to Light yellow powder to crystal	White to Cream to Light yellow powder to crystal
LC-MS for identification	Conforms	Conforms



John Su  
QA & QC Manager