

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-12-26 15:40:20  
Date of Next Testing: 2027-12-25 15:40:20  
Product Name: **2,3-Dicyanopyrazine**  
CAS Number: 13481-25-9  
Specifications & Purity: 98%  
Lot #: L2319139  
SKU #: **D154791**  
**Analysis:** **309290**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.45260%
Melting point	131-135 (°C)	133.78000 °C
Appearance (D154791)	White to Yellow to Orange to Brown Powder/Crystals	White to Yellow to Orange to Brown Powder/Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager