

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-12-13 19:06:02  
Date of Next Testing: 2026-12-12 19:06:02  
Product Name: **Aminopyrazine**  
CAS Number: 5049-61-6  
Specifications & Purity:  $\geq 99\%$   
Lot #: L2210013  
SKU #: **A111242**  
Version: **1**  
Analysis #: **154628**

| Parameter            | Limit Values   | Result   |
|----------------------|--|--|
| Purity(HPLC)         | 98-100 (%)   | 99.04700 %   |
| Melting point        | 118-123 (°C)   | 122.23000 °C   |
| Appearance (A111242) | White to yellow to tan to Gray to Brown powder or crystals or chunks | White to yellow to tan to Gray to Brown powder or crystals or chunks |
| Proton NMR spectrum  | Conforms to Structure  | Conforms to Structure  |
| Infrared spectrum    | Conforms to Structure  | Conforms to Structure  |



John Su  
QA & QC Manager