

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-10-25 17:09:30

Date of Next Testing: 2028-10-24 17:09:30

Product Name: **1-Methylpyrazole**

CAS Number: 930-36-9

Specifications & Purity:  $\geq 98\%$

Lot #: J2422527

SKU #: **M107967**

Version: **0**

Analysis #: **385034**

Storage Temperature: Argon charged

| Parameter                               | Limit Values                     | Result                           |
|-----------------------------------------|----------------------------------|----------------------------------|
| Purity(Titration by HClO <sub>4</sub> ) | 97.5-102.5 (%)                   | 99.80 %                          |
| Refractive index n <sub>20</sub> /D     | 1.475-1.478                      | 1.48                             |
| Density (20°C)                          | 0.988-0.992                      | 0.99                             |
| Water by Karl Fischer                   | 0-1 (%)                          | 0.20 %                           |
| Purity(GC)                              | 98-100 (%)                       | 99.98 %                          |
| Appearance (M107967)                    | Colorless to light yellow liquid | Colorless to light yellow liquid |
| Proton NMR spectrum                     | Conforms to Structure            | Conforms to Structure            |



John Su  
QA & QC Manager