

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-08-12 12:08:12
 Date of Next Testing: 2026-08-11 12:08:12
 Product Name: **1-Methylpyrazole**
 CAS Number: 930-36-9
 Specifications & Purity: $\geq 98\%$
 Lot #: H2209509
 SKU #: **M107967**
 Version: **0**
 Analysis #: **097974**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(Titration by HClO ₄)	97.5-102.5 (%)	98.89000 %
Refractive index n ₂₀ /D	1.475-1.478	1.47630
Density (20°C)	0.988-0.992	0.99000
Water by Karl Fischer	0-1 (%)	0.50000 %
Purity(GC)	98-100 (%)	98.79600 %
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