

Certificate of Analysis

Date of Testing: 2024-10-25 17:10:38

Date of Next Testing: 2028-10-24 17:10:38

Product Name: **1-Methylpyrazole**

CAS Number: 930-36-9

Specifications & Purity: $\geq 98\%$

Lot #: J2422528

SKU #: **M107967**

Version: **0**

Analysis #: **385034**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Titration by HClO ₄)	97.5-102.5 (%)	99.80 %
Refractive index n ₂₀ /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