

## Certificate of Analysis

Date of Testing: 2023-05-05 16:37:57  
Date of Next Testing: 2026-05-04 16:37:57  
Product Name: **4-Chloro-1,3-Dimethyl-1H-Pyrazole**  
CAS Number: 15878-44-1  
Specifications & Purity: 98%  
Lot #: D23241002  
SKU #: **C480122**  
Analysis: **202891**

Parameter	Limit Values	Result
Purity(HPLC area)	98-100 (%)	99.85%
Appearance(C480122)	colorless liquid	Colorless liquid
NMR Spectrum 1H	Conforms to structure	Conforms to Structure
LC-MS for identification	Conforms	Conforms



John Su  
QA & QC Manager