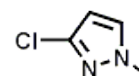


## Certificate of Analysis

Date of Manufacture: 2012-02-20 Date of Analysis: 2012-02-20  
Batch No: A20120220

Catalog No.: HID1218  
Product Name: 3-Chloro-1-methyl-1H-pyrazole  
Formula: C<sub>4</sub>H<sub>5</sub>ClN<sub>2</sub>  
Molecular Weight: 116.55  
CAS Number: 63425-54-7



Items	Specifications	Results of Analysis
Appearance:	Colorless to pale yellow liquid	Pale yellow liquid
<sup>1</sup> H-NMR:	Consistent with structure	Consistent with structure
Assay (HPLC):	97.0%min	99.4%
Water Content (KF):	≤0.5%	0.08%

Storage: Room Temperature, Dry  
Origin of Country: P. R. China