

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-01-14 14:09:01

Date of Next Testing: 2027-01-13 14:09:01

Product Name: **4-Chloropyrazole**

CAS Number: 15878-00-9

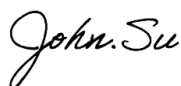
Specifications & Purity: >98.0%(HPLC)

Lot #: A2305093

SKU # **C153799**

Analysis: 179802

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.07380 %
Melting point	75-79 (°C)	77.23000 °C
Appearance (C153799)	White to Yellow to Grey,Purple Powder or Crystals	White to Yellow to Grey,Purple Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager