

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-21 15:14:10

Date of Next Testing: 2027-06-20 15:14:10

Product Name: **4-Chloropyrazole**

CAS Number: 15878-00-9

Specifications & Purity: $\geq 98\%$ (HPLC)

Lot #: F2307293

SKU #: **C153799**Version: **0**Analysis #: **013339**

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

John Su
QA & QC Manager