

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2021-05-20 16:54:33
 Date of Next Testing: 2025-05-19 16:54:33
 Product Name: **2,3-Dichloroquinoxaline**
 CAS Number: 2213-63-0
 Specifications & Purity: $\geq 98\%$
 Lot #: E2114252
 SKU #: **D123530**
 Version: **0**
 Analysis #: **013079**

Parameter	Limit Values	Result
Melting point	151-154 (°C)	153.89000 °C
Purity(HPLC)	98-100 (%)	99.72100 %
Appearance (D123530)	White to Yellow, Green to Brown Powder or Crystals	White to Yellow, Green to Brown Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in Toluene , very faint turbidity	pass	Pass



John Su
QA & QC Manager