

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-05-12 17:32:56

Date of Next Testing: 2027-05-11 17:32:56

Product Name: **4,5-Dichloro-3-hydroxypyridazine**

CAS Number: 932-22-9

Specifications & Purity:  $\geq 98\%$

Lot #: E2309580

SKU #: **D122398**

Version: **2**

**Analysis #:** **185967**

Storage Temperature: Room temperature

| Parameter                                        | Limit Values                                      | Result                                            |
|--------------------------------------------------|---------------------------------------------------|---------------------------------------------------|
| Purity(O2 AgNO3 titration with after combustion) | 97.5-102.5 (%)                                    | 99.60000 %                                        |
| Melting point                                    | 200-206 (°C)                                      | 200.97000 °C                                      |
| Purity(GC)                                       | 98-100 (%)                                        | 98.04200 %                                        |
| Infrared spectrum                                | Conforms to Structure                             | Conforms to Structure                             |
| Proton NMR spectrum                              | Conforms to structure                             | Conforms to Structure                             |
| Appearance (D122398)                             | White to Yellow or Tan Flakes, Crystals or Chunks | White to Yellow or Tan Flakes, Crystals or Chunks |



John Su  
QA & QC Manager