

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-04-06 20:02:20

Date of Next Testing: 2027-04-05 20:02:20

Product Name: **3,5-Dichlorophenylhydrazine hydrochloride**

CAS Number: 63352-99-8

Specifications & Purity:  $\geq 95\%$

Lot #: C23311670

SKU #: **D102572**

Version: **0**

**Analysis #:** **210650**

Storage Temperature: Room temperature

| Parameter                               | Limit Values          | Result                |
|-----------------------------------------|-----------------------|-----------------------|
| Nitrogen by Elemental Analysis          | 12.3-13.9 (%)         | 13.30000 %            |
| Purity(Titration by AgNO <sub>3</sub> ) | 94.5-105.5 (%)        | 95.22000 %            |
| Purity(HPLC)                            | 95-100 (%)            | 97.50000 %            |
| Carbon by Elemental Analysis            | 31.7-35.8 (%)         | 33.70000 %            |
| Melting point                           | 208-210 (°C)          | 208.30000 °C          |
| Appearance (D102572)                    | white to beige powder | white to beige powder |
| Infrared spectrum                       | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager