

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-06-07 17:20:27

Date of Next Testing: 2027-06-06 17:20:27

Product Name: **4-Fluorophenylhydrazine hydrochloride**

CAS Number: 823-85-8

Specifications & Purity: 97%

Lot #: F2301031

SKU #: **F110267**

**Analysis:** **045758**

Storage Temperature: Argon charged

| Parameter                               | Limit Values                                       | Result                                             |
|-----------------------------------------|----------------------------------------------------|----------------------------------------------------|
| Purity(Titration by AgNO <sub>3</sub> ) | 96.5-103.5 (%)                                     | 100.41 %                                           |
| Purity(HPLC)                            | 97-100 (%)                                         | 97.10100 %                                         |
| Appearance (F110267)                    | White to pale brown Powder, Crystals, and/or Chunk | White to pale brown Powder, Crystals, and/or Chunk |
| Infrared spectrum                       | Conforms to Structure                              | Conforms to Structure                              |
| Proton NMR spectrum                     | Conforms to Structure                              | Conforms to Structure                              |

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

John Su  
QA & QC Manager