

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-06-12 13:42:40

Date of Next Testing: 2025-06-01 13:42:40

Product Name: **4-Bromophenylhydrazine hydrochloride**

CAS Number: 622-88-8

Specifications & Purity:  $\geq 99\%$

Lot #: I2111165

SKU # **B109685**

Version **1**

Analysis #: **239826**

Storage Temperature: Room temperature, Argon charged, Desiccated

| Parameter                               | Limit Values                                                                         | Result                                                                               |
|-----------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| Purity(Titration by AgNO <sub>3</sub> ) | 98.5-101.5 (%)                                                                       | 99.30000 %                                                                           |
| Purity(HPLC)                            | 99-100 (%)                                                                           | 99.21900 %                                                                           |
| Appearance (B109685)                    | White to Light yellow to yellow to Light red to Grey to Grey-Brown Powder to Crystal | White to Light yellow to yellow to Light red to Grey to Grey-Brown Powder to Crystal |
| Proton NMR spectrum                     | Conforms to Structure                                                                | Conforms to Structure                                                                |



John Su  
QA & QC Manager