

## Certificate of Analysis

Date of Testing: 2023-04-13 10:22:55

Date of Next Testing: 2025-04-02 10:22:55

Product Name: **Ammonium bromide**

CAS Number: 12124-97-9

Specifications & Purity: 99.99% metals basis

Lot #: D2303437

SKU #: **A103687**

**Analysis:** **194326**

Storage Temperature: Argon charged

| Parameter                                              | Limit Values                         | Result                               |
|--------------------------------------------------------|--------------------------------------|--------------------------------------|
| Insoluble matter                                       | 0-0.005 (%)                          | 0.00 %                               |
| Iodide (I-)                                            | 0-0.005 (%)                          | 0.00 %                               |
| Chloride (Cl-)                                         | 0-0.2 (%)                            | 0.10 %                               |
| PH(5% in water,25°C)                                   | 4.5-6                                | 5.38                                 |
| Heavy metal (as Pb)                                    | 0-5 (ppm)                            | 0.00 ppm                             |
| (BrO3)Bromate                                          | 0-0.002 (%)                          | 0.00 %                               |
| Purity(Based on Trace Metals Impurities of ICP)        | 99.99-100 (%)                        | 99.99 %                              |
| Ignition Residue (as sulfate)                          | 0-0.01 (%)                           | 0.00 %                               |
| Total Metallic Impuritie                               | 0-100 (ppm)                          | 80.00 ppm                            |
| Iron(Fe)                                               | 0-5 (ppm)                            | 0.00 ppm                             |
| Sulfate(SO42-)                                         | 0-0.005 (%)                          | 0.00 %                               |
| Barium(Ba)                                             | 0-0.002 (%)                          | 0.00 %                               |
| Appearance (A103687)                                   | White Powder, Crystals and/or Chunks | White Powder, Crystals and/or Chunks |
| Solubility in H2O , clear colorless ,50 mg/ml in water | pass                                 | Pass                                 |
| X-Ray Diffraction                                      | Conforms to Structure                | Conforms to Structure                |



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

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

John Su  
QA & QC Manager