

## Certificate of Analysis

Date of Testing: 2023-08-01 14:50:07

Date of Next Testing: 2027-07-31 14:50:07

Product Name: **Ammonium bicarbonate**

CAS Number: 1066-33-7

Specifications & Purity:  $\geq 99.995\%$  metals basis

Lot #: G2329019

SKU #: **A110537**

Version: **0**

Analysis #: **163897**

Storage Temperature: Protected from light

| Parameter                                                            | Limit Values             | Result                   |
|----------------------------------------------------------------------|--------------------------|--------------------------|
| Purity(Based On Trace Metals Analysis)                               | 99.995-100 (%)           | 100.00 %                 |
| Total Metallic Impuritie                                             | 0-50 (ppm)               | 37.00 ppm                |
| purity by titration                                                  | 99-101 (%)               | 99.89 %                  |
| Appearance (A110537)                                                 | White Powder or Crystals | White Powder or Crystals |
| Solubility in H <sub>2</sub> O , clear colorless , 100mg/ml in water | pass                     | Pass                     |
| X-Ray Diffraction                                                    | Conforms to Structure    | Conforms to Structure    |



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