



Certificate of Analysis

Product Name: Ammonium Bicarbonate
Grade: FCC grade
Chemical Formula: NH_4HCO_3
Formula Weight: 79.06

Product Code: CP-X1093D
Lot #50776197VO
CAS# 1066-33-7
Density: 1.59 g/mL

| Analytical Results | | |
|---|---------------------------|----------|
| Item | Specifications | Analysis |
| Description | White crystals or powder. | Pass |
| Identification | Pass | Pass |
| Assay (NH_4HCO_3) | 99.0% min | 99.50 % |
| Insoluble Matter | 5500 ppm max | 5400 ppm |
| Lead - Pb (by ICP-OES) | 3 ppm max | < 3 ppm |
| Chloride (Cl^-) | 30 ppm max | < 30 ppm |
| Sulfate (SO_4^{-2}) | 70 ppm max | < 70 ppm |
| Carbon Dioxide (calculated) | 55.0% min | 55.39 % |
| Ammonia (calculated) | 21.1% min | 21.43 % |
| Dissociates in NH_3 , CO_2 and H_2O at 60°C | | |
| | | |
| Manufacture Date | Dec-12, 2022 | |
| Contains magnesium carbonate as anticaking agent, less than 5500ppm. | | |

X = 50Lb

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