

# Certificate of Analysis

**PRODUCT :** AMMONIUM ACETATE RS - For LC/MS

**CODE :** 418781

**LOT N° :** V2M133173D

**MOLECULAR WEIGHT :** 77,08

**RE-TEST DATE :** 04/2025

**CAS N° :** 631-61-8

**FORMULA :** CH<sub>3</sub>COONH<sub>4</sub>

| TEST                              | U.M. | SPECIFICATION        | RESULT |
|-----------------------------------|------|----------------------|--------|
| Assay                             | %    | >= 98                | 99.0   |
| Impurities                        | ppm  | <= 50                | <50    |
| Water content                     | %    | <= 2                 | 0.8    |
| Residue on ignition               | ppm  | <= 100               | <100   |
| pH                                | -    | 6.5 - 7.4            | 7.1    |
| Melting point                     | °C   | 112 - 116            | 115    |
| Chloride                          | ppm  | <= 5                 | <5     |
| Nitrate                           | ppm  | <= 10                | <10    |
| Sulfate                           | ppm  | <= 10                | <10    |
| Al                                | ppm  | <= 1                 | <1     |
| As                                | ppm  | <= 0.1               | <0.1   |
| Ba                                | ppm  | <= 1                 | <1     |
| Bi                                | ppm  | <= 1                 | <1     |
| Ca                                | ppm  | <= 5                 | <5     |
| Cd                                | ppm  | <= 1                 | <1     |
| Co                                | ppm  | <= 1                 | <1     |
| Cr                                | ppm  | <= 1                 | <1     |
| Cu                                | ppm  | <= 1                 | <1     |
| Fe                                | ppm  | <= 2                 | <2     |
| K                                 | ppm  | <= 5                 | <5     |
| Li                                | ppm  | <= 1                 | <1     |
| Mg                                | ppm  | <= 1                 | <1     |
| Mn                                | ppm  | <= 1                 | <1     |
| Mo                                | ppm  | <= 1                 | <1     |
| Na                                | ppm  | <= 5                 | <5     |
| Ni                                | ppm  | <= 1                 | <1     |
| Pb                                | ppm  | <= 1                 | <1     |
| Sr                                | ppm  | <= 1                 | <1     |
| Zn                                | ppm  | <= 1                 | <1     |
| Grad. Elution H.P. Peak at 254 nm | AU   | < 0.001              | <0.001 |
| Grad. Elution drift at 254 nm     | AU   | < 0.005              | <0.005 |
| T260nm (1M)                       | %    | >= 98                | 98     |
| T280nm (1M)                       | %    | >= 99                | 99     |
| Preparation                       | -    | Filtered through 0.1 | -      |

It is under the customer responsibility to make sure the purchased product is suitable for his use and/or application.

CARLO ERBA Reagents would not be guilty of any misuse or mishandling of any of its products, occurring potential damages or user hurts in case of inappropriate use.

**Approve Date :** 13/12/2022

Approved electronically, valid without a signature

**QUALITY CONTROL RESPONSIBLE**
**B. COULANGE (VDR)**

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