



|                      |                                    |
|----------------------|------------------------------------|
| Material             | 21200.460                          |
| Material description | Ammonium acetate                   |
| Grade                | AnalaR NORMAPUR Reag. Ph.Eur., ACS |
| CAS Number           | 631-61-8                           |
| Molecular formula    | H <sub>3</sub> CCOONH <sub>4</sub> |
| Molecular mass       | 77.08                              |

| Characteristics                                  | Specifications      |
|--|---------------------|
| Assay  | Min. 98.0 %         |
| Appearance                                       | Colourless crystals |
| pH (25°C; 5 %)                                   | 6.7 --> 7.3         |
| Heavy metals (as Pb)                             | Max. 2 ppm          |
| Ignition residue (SO <sub>4</sub> )              | Max. 100 ppm        |
| Insolubility in water                            | Max. 50 ppm         |
| Substances reducing KMnO <sub>4</sub> (as HCOOH) | Max. 50 ppm         |
| Water  | Max. 2.0 %          |
| Cl (Chloride)                                    | Max. 5 ppm          |
| NO <sub>3</sub> (Nitrate)                        | Max. 10 ppm         |
| SO <sub>4</sub> (Sulphate)                       | Max. 10 ppm         |
| Ca (Calcium)                                     | Max. 10 ppm         |
| Cd (Cadmium)                                     | Max. 0.5 ppm        |
| Cu (Copper)                                      | Max. 0.5 ppm        |
| Fe (Iron)  | Max. 2 ppm          |
| Ni (Nickel)                                      | Max. 0.5 ppm        |
| Pb (Lead)  | Max. 0.5 ppm        |
| Zn (Zinc)  | Max. 0.5 ppm        |
| Conforms to ACS                                  | Passes test         |
| Conforms to Reag. Ph.Eur.                        | Passes test         |

## Signature

We certify that this batch conforms to the specifications listed above.

This document has been produced electronically and is valid without a signature.

Anja Vanhale, Head of Laboratory - Haasrode  
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