

# Specification

Item number: 1NPA

## Ammonium acetate

### ≥98 %, LC-MS Grade

CAS No.: 631-61-8

print date: 22.01.2024

formula:  $\text{CH}_3\text{COONH}_4$

density: 1,17

molecular weight: 77,08 g/mol

### Type analysis

Assay (titr. dry substance)	98.0-101.0 %
Appearance of solution (1 M in H <sub>2</sub> O)	clear, colourless
LC-MS suitability test	complies
pH-value (1 M in H <sub>2</sub> O)	5.5-7.5
Water (KF)	≤2.0
Chloride (Cl)	≤0.001 %
Sulphate (SO <sub>4</sub> )	≤0.002 %
Al (Aluminium)	≤0.0001 %
Ca (Calcium)	≤0.0005 %
Cu (Copper)	≤0.0001 %
Fe (Iron)	≤0.0001 %
K (Potassium)	≤0.0005 %
Li (Lithium)	≤0.0001 %
Mg (Magnesium)	≤0.0001 %
Na (Sodium)	≤0.0005 %
Ni (Nickel)	≤0.0001 %
Pb (Lead)	≤0.0001 %
Zn (Zinc)	≤0.0001 %
Filter test (1 M in H <sub>2</sub> O)	complies

### Fluorescence (as quinine):

254 nm	≤1.0 ppb
365 nm	≤1.0 ppb

### Gradient test:

254 nm	≤0.004 AU
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### Transmission:

260 nm	≥95 %
280 nm	≥97 %

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## *Type analysis*

Our products are tested for laboratory use only.  
The stated information refers to the current status of product quality.  
We reserve the right to implement necessary changes.

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**Dr. R. Niemand**  
*Head of Quality Assurance*

**S. Lorsee**  
*Head of Quality Management*

*This document is computer printout and has therefore not been signed by hand.*

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