

# Specification

Item number: 3746

## Ammonium sulphate

≥99,5 %, p.a., ACS, ISO

CAS No.: 7783-20-2

print date: 01.03.2024

formula:  $(\text{NH}_4)_2\text{SO}_4$

density: 1,77

molecular weight: 132,14 g/mol

### Guarantee analysis

Content (acidim.)	≥99,5 %
Identity	complies
pH-value (5 % in H <sub>2</sub> O)	5,0-6,0
In H <sub>2</sub> O insoluble matter	≤0,005 %
Ash content (as SO <sub>4</sub> )	≤0,005 %
Phosphate (PO <sub>4</sub> )	≤0,0005 %
Nitrate (NO <sub>3</sub> )	≤0,001 %
Chloride (Cl)	≤0,0003 %
Arsenic (As)	≤0,00002 %
Lead (Pb)	≤0,0002 %
Cadmium (Cd)	≤0,0001 %
Calcium (Ca)	≤0,001 %
Iron (Fe)	≤0,0002 %
Cobalt (Co)	≤0,0005 %
Magnesium (Mg)	≤0,002 %
Sodium (Na)	≤0,005 %
Nickel (Ni)	≤0,0005 %
Heavy metals (as Pb)	≤0,0005 %
Zinc (Zn)	≤0,0001 %
Loss on drying (100 °C)	≤0,1 %

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.

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

**S. Lorsee**  
Head of Quality Management

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