

Specification

Item number: 1NTK

Ammonium formate

≥98 %, LC-MS Grade

CAS No.: 540-69-2

print date: 01.01.2024

formula: HCOONH_4

density: 1,28

molecular weight: 63,06 g/mol

Type analysis

Assay (titr. dry substance)	98.0-101.0 %
Appearance of solution (1 M in H ₂ O)	clear, colourless
LC-MS suitability test	complies
pH-value (1 M in H ₂ O)	5.5-7.5
Water (KF)	≤3.0 %
Chloride (Cl)	≤0.005 %
Sulphate (SO ₄)	≤0.005 %
Al (Aluminium)	≤0.0005 %
Ca (Calcium)	≤0.001 %
Fe (Iron)	≤0.0005 %
K (Potassium)	≤0.001 %
Mg (Magnesium)	≤0.0005 %
Na (Sodium)	≤0.001 %
Filter test (1 M in H ₂ O)	complies

Gradient test:

254 nm ≤0.006 AU

Transmission:

260 nm ≥90 %

280 nm ≥95 %

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

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

Carl Roth GmbH + Co. KG
Schoemperlenstraße 3-5
76185 Karlsruhe

Telefon 0721/5606-0
Telefax 0721/5606-149
E-Mail: info@carlroth.de

Die Firma ist eine Kommanditgesellschaft mit Sitz in Karlsruhe, Reg. Gericht Mannheim HRA 100055. Persönlich haftende Gesellschafterin ist die Firma Roth Chemie GmbH mit Sitz in Karlsruhe, Reg. Gericht Mannheim HRB 100428. Geschäftsführer: André Houdelet

