

Ammonium formate, eluent additive for LC-MS

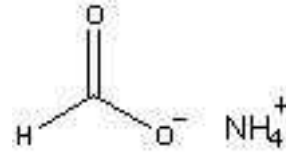
IdentificationHCOONH₄

M = 63,06 g/mol

CAS [540-69-2]

EC number: 208-753-9

Taric code: 2915 12 00

**Synonyms**

Formic acid ammonium salt

Specifications

assay (iodometric).....	min. 97 %	lithium (Li).....	max. 1 ppm
aluminium (Al).....	max. 1 ppm	magnesium (Mg).....	max. 5 ppm
barium (Ba).....	max. 1 ppm	manganese (Mn).....	max. 1 ppm
cadmium (Cd).....	max. 1 ppm	molybdenum (Mo).....	max. 1 ppm
calcium (Ca).....	max. 5 ppm	nickel (Ni).....	max. 1 ppm
chromium (Cr).....	max. 1 ppm	potassium (K).....	max. 5 ppm
cobalt (Co).....	max. 1 ppm	sodium (Na).....	max. 5 ppm
copper (Cu).....	max. 1 ppm	strontium (Sr).....	max. 1 ppm
iron (Fe).....	max. 1 ppm	zinc (Zn).....	max. 1 ppm
lead (Pb).....	max. 1 ppm		
		suitability for use in LC-MS.....	passes test

Physical data

- Spec. Density: ~ 1,27 g/cm³
- Solub. in water: (20 °C): miscible
- Melting point: 116 °C
- pH(50 g/l H₂O, 20 °C) 6,0 - 7,0

Safety - GHS

Signal Word: Warning

Hazard Statements:

- H315: Causes skin irritation.
- H319: Causes serious eye irritation.
- H335: May cause respiratory irritation.

**Precautionary Statements:**

- P261: Avoid breathing dust / fume / gas / mist / vapours / spray.
- P280: Wear protective gloves / protective clothing / eye protection / face protection.
- P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P321: Specific treatment (see on this label).
- P405: Store locked up.
- P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Transport/storage

- 10°C - 30°C