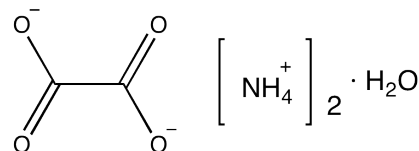


**di-Ammonium oxalate monohydrate, for analysis, ExpertQ®, ACS,
ISO, Reag. Ph Eur**
Identification

(NH₄)₂C₂O₄·H₂O
M = 142,11 g/mol
CAS [6009-70-7]
EC number: 214-202-3
Taric code: 2917 11 00


Synonyms

Oxalic acid ammonium salt

Applications

analytical chemistry, for determination of: calcium, lead, rare earth metals.

Specifications

assay (permanganometric).....	99 - 101 %	copper (Cu).....	max. 0,0005 %
insoluble in water.....	max. 0,005 %	heavy metals (as Pb).....	max. 0,0005 %
pH (2,5 %, H ₂ O).....	6 - 7	iron (Fe).....	max. 0,0002 %
chlorides (Cl).....	max. 0,0005 %	lead (Pb).....	max. 0,0005 %
nitrites (NO ₂).....	max. 0,0005 %	magnesium (Mg).....	max. 0,001 %
sulfates (SO ₄).....	max. 0,002 %	potassium (K).....	max. 0,001 %
cadmium (Cd).....	max. 0,0005 %	sodium (Na).....	max. 0,001 %
calcium (Ca).....	max. 0,001 %	zinc (Zn).....	max. 0,0005 %
		residue on ignition (as SO ₄).....	max. 0,02 %

Physical data

- Appearance: crystals , white or clourless
- Spec. Density: 1,50 g/cm³
- Bulk density: ~ 480 kg/m³
- Solub. in water: (20 °C): ~ 45 g/l
- Melting point: 70 °C
- pH(50 g/l H₂O, 25 °C) ~ 6,3

Safety - GHS

Signal Word: Warning

Hazard Statements:

H302: Harmful if swallowed.
H312: Harmful in contact with skin.


Precautionary Statements:

P280: Wear protective gloves / protective clothing / eye protection / face protection.
P264: Wash thoroughly after handling.
P270: Do no eat, drink or smoke when using this product.
P321: Specific treatment (see on this label).
P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Transport/storage

- ADR: 6.1 T2 III • UN 2811 • TOXIC SOLID, ORGANIC, N.O.S.(di-Ammonium oxalate monohydrate)
- IMDG: 6.1 III • UN 2811 • TOXIC SOLID, ORGANIC, N.O.S. (di-Ammonium oxalate monohydrate)
- IATA/ICAO: 6.1 III • UN 2811 • TOXIC SOLID, ORGANIC, N.O.S. (di-Ammonium oxalate monohydrate)
- PAX: 655
- CAO: 619
- 15°C - 25°C