

Product code:AM0365
di-Ammonium oxalate monohydrate, reagent grade, ACS, ISO

$(\text{NH}_4)_2\text{C}_2\text{O}_4 \cdot \text{H}_2\text{O}$
M = 142,11 g/mol
CAS [6009-70-7]
EC number: 214-202-3
Taric code: 2917 11 00 90



Technical Data Sheet

Synonyms

Oxalic acid ammonium salt

Specifications

assay (permanganometric)	99,5 - 101 %	heavy metals (as Pb)	max. 0,0005 %
insoluble in water	max. 0,005 %	iron (Fe)	max. 0,0002 %
pH (2,5 %, H ₂ O)	6 - 7	lead (Pb)	max. 0,0005 %
chlorides (Cl)	max. 0,0005 %	magnesium (Mg)	max. 0,001 %
nitrates (NO ₃)	max. 0,0005 %	potassium (K)	max. 0,001 %
sulfates (SO ₄)	max. 0,002 %	sodium (Na)	max. 0,001 %
cadmium (Cd)	max. 0,0005 %	zinc (Zn)	max. 0,0005 %
calcium (Ca)	max. 0,001 %	calcination residue (as SO ₄)	max. 0,02 %
copper (Cu)	max. 0,0005 %		

Packaging

AM03650250	250 g	
AM03650500	500 g	
AM03651000	1 kg	
AM0365005P	5 kg	

Physical data

- Form: solid
- 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

Toxicological data

- WGK: 1
- Poison class CH (Swiss): 2

Safety

- Hazard symbols: Xn (Harmful)
- EC Index no.: 607-007-00-3
- R: 21/22
- S: 24/25-37-46

Transport/storage

- ADR: 6.1 T2 III• UN 2811
- IMDG: 6.1 III• UN 2811
- IATA/ICAO: 6.1 III• UN 2811
- PAX: 619
- CAO: 619
- LGK: 10-13
- Disposal: 14

Applications

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