

di-Potassium oxalate monohydrate, for analysis, ExpertQ®, ACS

Identification

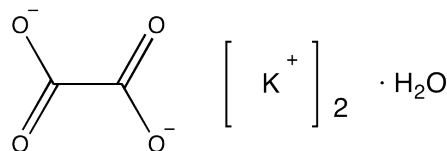
 $K_2C_2O_4 \cdot H_2O$

M = 184,24 g/mol

CAS [6487-48-5]

EC number: 209-506-8

Taric code: 2917 11 00



Synonyms

Oxalic acid dipotassium salt monohydrate

Applications

analytical chemistry, for determination of: manganese.

Specifications

assay (permanganometric)..... 99,5 - 101 %
insoluble in water..... max. 0,01 %
pH (5 %, H₂O)..... 7 - 8,5
acidity..... passes test
alkalinity..... passes test
chlorides (Cl)..... max. 0,001 %

sulfates (SO₄)..... max. 0,01 %
total nitrogen (as N)..... max. 0,001 %
ammonium (NH₄)..... max. 0,002 %
heavy metals (as Pb)..... max. 0,001 %
iron (Fe)..... max. 5 ppm
sodium (Na)..... max. 0,02 %
substances darkened by hot H₂SO₄..... passes test

Physical data

- Appearance: crystals, colourless or white
- Spec. Density: 2,13 g/cm³
- Bulk density: ~ 700 - 1100 kg/m³
- Solub. in water: (20 °C): 360 g/l
- pH(50 g/l H₂O, 20 °C) ~ 7,0 - 8,5

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 not 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

- 10°C - 30°C