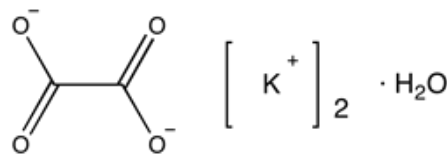


## di-Potassium oxalate monohydrate, for analysis, ExpertQ®, ACS

**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 %	sulfates (SO <sub>4</sub> ).....	max. 0,01 %
insoluble in water.....	max. 0,01 %	total nitrogen (as N).....	max. 0,001 %
pH (5 %, H <sub>2</sub> O).....	7 - 8,5	ammonium (NH <sub>4</sub> ).....	max. 0,002 %
acidity.....	passes test	heavy metals (as Pb).....	max. 0,001 %
alkalinity.....	passes test	iron (Fe).....	max. 5 ppm
chlorides (Cl).....	max. 0,001 %	sodium (Na).....	max. 0,02 %
		substances darkened by hot H <sub>2</sub> SO <sub>4</sub> .....	passes test

**Physical data**

- Appearance: crystals, colourless or white
- Spec. Density: 2,13 g/cm<sup>3</sup>
- Bulk density: ~ 700 - 1100 kg/m<sup>3</sup>
- Solub. in water: (20 °C): 360 g/l
- pH(50 g/l H<sub>2</sub>O, 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