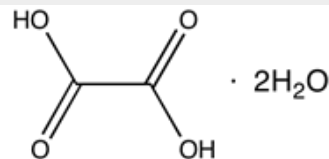


Oxalic acid dihydrate, for analysis, ExpertQ®, ACS, ISO, Reag. Ph Eur**Identification**

H₂C₂O₄·2H₂O
M = 126,07 g/mol
CAS [6153-56-6]
EC number: 205-634-3
Taric code: 2917 11 00

**Synonyms**

Ethanedioic acid

Applications

analytical chemistry, laboratory reagent, solvents, catalyst.

Specifications

assay (permanganometric)..... 99,5 - 102,5 %
identity (IR-spectrum)..... passes test
insoluble in water..... max. 0,005 %
chlorides (Cl)..... max. 5 ppm
sulfates (SO₄)..... max. 0,005 %

nitrogen compounds (as N)..... max. 0,001 %
calcium (Ca)..... max. 0,001 %
heavy metals..... max. 5 ppm
iron (Fe)..... max. 2 ppm
substances darkened by hot H₂SO₄..... passes test
residue on ignition..... max. 0,01 %

Physical data

- Appearance: crystalline powder, white
- Spec. Density: 1,65 g/cm³
- Bulk density: ~ 900 kg/m³
- Solub. in water: (20 °C): 102 g/l
- Melting point: 101 °C

Safety - GHS

Signal Word: Danger

Hazard Statements:

- H302: Harmful if swallowed.
H312: Harmful in contact with skin.
H318: Causes serious eye damage.

**Precautionary Statements:**

- 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.
P310: Immediately call a POISON CENTER or doctor / physician.
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