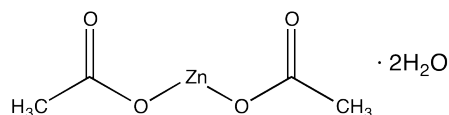


Zinc acetate dihydrate, for analysis, ExpertQ®, ACS, Reag. Ph Eur
Identification

$\text{Zn}(\text{CH}_3\text{COO})_2 \cdot 2\text{H}_2\text{O}$
 M = 219,49 g/mol
 CAS [5970-45-6]
 EC number: 209-170-2
 Taric code: 2915 29 00


Synonyms

Acetic acid zinc salt dihydrate

Applications

analytical chemistry, laboratory reagent, for the detection of: urobilin.

Specifications

assay (complexometric).....	99,0 - 101,0 %	calcium (Ca).....	max. 0,001 %
identity (IR-spectrum).....	passes test	copper (Cu).....	max. 5 ppm
insoluble in water.....	max. 0,005 %	iron (Fe).....	max. 5 ppm
pH (5 %, H ₂ O).....	6,0 - 7,0	lead (Pb).....	max. 5 ppm
chlorides (Cl).....	max. 5 ppm	magnesium (Mg).....	max. 0,005 %
sulfates (SO ₄).....	max. 0,005 %	potassium (K).....	max. 0,01 %
cadmium (Cd).....	max. 5 ppm	sodium (Na).....	max. 0,001 %

Physical data

- Spec. Density: 1,77 g/cm³
- Bulk density: ~ 900 kg/m³
- Solub. in water: (20 °C): 430 g/l
- Melting point: ~ 100 °C
- pH(50 g/l H₂O, 20 °C) 6 - 8

Safety - GHS

Signal Word: Warning

Hazard Statements:

- H302: Harmful if swallowed.
 H315: Causes skin irritation.
 H319: Causes serious eye irritation.
 H410: Very toxic to aquatic life with long lasting effects.


Precautionary Statements:

- P280: Wear protective gloves / protective clothing / eye protection / face protection.
 P273: Avoid release to the environment.
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 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: 9 M7 III • UN 3077 • ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.(Zinc acetate dihydrate)
- IMDG: 9 III • UN 3077 • ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.(Zinc acetate dihydrate)
- IATA/ICAO: 9 III • UN 3077 • ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.(Zinc acetate dihydrate)
- PAX: 956
- CAO: 956
- 10°C - 30°C