

Barium acetate, for analysis, ExpertQ®, ACS

Identification

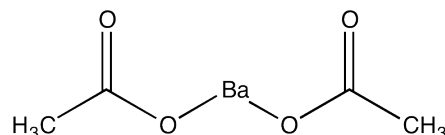
Ba(CH₃COO)₂

M = 255,43 g/mol

CAS [543-80-6]

EC number: 208-849-0

Taric code: 2915 29 00



Synonyms

Acetic acid barium salt

Applications

analytical chemistry, synthesis of organic products, in lubricant compositions.

Specifications

assay (complexometric).....	99 - 102 %	iron (Fe).....	max. 5 ppm
insoluble in water.....	max. 0,01 %	potassium (K).....	max. 0,003 %
pH (5 %, H ₂ O).....	7,0 - 8,5	sodium (Na).....	max. 0,005 %
chlorides (Cl).....	max. 0,0005 %	strontium (Sr).....	max. 0,15 %
calcium (Ca).....	max. 0,005 %	oxidizing substances (as NO ₃).....	max. 0,005 %
heavy metals (as Pb).....	max. 5 ppm	non precipitable with H ₂ SO ₄ (as SO ₄).....	max. 0,1 %

Physical data

- Spec. Density: ~ 2,47 g/cm³
- Bulk density: ~ 1200 kg/m³
- Solub. in water: (20 °C): ~ 720 g/l
- Melting point: ~ 450 °C
- pH(50 g/l H₂O, 20 °C) ~ 6,5 - 8,5

Safety - GHS

Signal Word: Warning

Hazard Statements:

H302: Harmful if swallowed.

H332: Harmful if inhaled.



Precautionary Statements:

P261: Avoid breathing dust / fume / gas / mist / vapours / spray.

P264: Wash thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Transport/storage

- ADR: 6.1 T5 III • UN 1564 • BARIUM COMPOUND, N.O.S.(Barium acetate)
- IMDG: 6.1 III • UN 1564 • BARIUM COMPOUND, N.O.S.(Barium acetate)
- IATA/ICAO: 6.1 III • UN 1564 • BARIUM COMPOUND, N.O.S.(Barium acetate)
- PAX: 619
- CAO: 619
- 10°C - 30°C