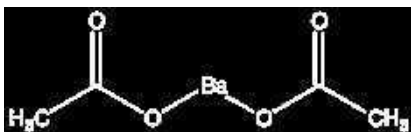


BARIUM ACETATE

BA0040 Barium acetate, ExpertQ®, for analysis, ACS



- Synonyms: Acetic acid barium salt
- $Ba(CH_3COO)_2$
- M = 255,43 g/mol
- CAS [543-80-6]
- EINECS-No.: 208-849-0
- Solub. in water: (20 °C): ~ 720 g/l
- Melting point: ~ 450 °C
- LD 50 (oral, rat): 921 mg/kg
- EC-Index-No.: 056-002-00-7
- ADR: 6.1 T5 III UN 1564
- IMDG: 6.1 III UN 1564
- IATA/ICAO: 6.1 III UN 1564
- GHS-signal word: Warning
- GHS-H sentences: H302 - H332
- GHS-P sentences: P261 - P270 - P304 + P340 - P330 - P501a
- Tariff number: 2915 29 00 90
- Applications: analytical chemistry, synthesis of organic products, in lubricant compositions.
- Appearance: White solid

assay (complexometric) 99 - 102 %
insoluble in water max. 0,01 %
pH (5 %, H₂O) 7,0 - 8,5
chlorides (Cl) max. 0,0005 %
calcium (Ca) max. 0,005 %
heavy metals (as Pb) max. 5 ppm
iron (Fe) max. 5 ppm
potassium (K) max. 0,003 %
sodium (Na) max. 0,005 %
strontium (Sr) max. 0,15 %
oxidizing substances (as NO₂) max. 0,005 %
non precipitable with H₂SO₄ (as SO₄) max. 0,1 %

ART. NO.	VOLUME	CONTAINER
BA00400500	500 g	Ⓟ
BA00401000	1 kg	Ⓟ
BA0040005P	5 kg	Ⓟ
BA0040025P	25 kg	Ⓟ

BARIUM CHLORIDE DIHYDRATE

- BaCl₂·2H₂O
- M = 244,28 g/mol
- CAS [10326-27-9]
- EINECS-No.: 233-788-1
- Solub. in water: (20 °C): 357 g/l
- Melting point: 962 °C (release of crystalline water)

- LD 50 (oral, rat): 118 mg/kg (anhydrous substance)
- EC-Index-No.: 056-002-00-7
- ADR: 6.1 T5 III UN 1564
- IMDG: 6.1 III UN 1564
- IATA/ICAO: 6.1 III UN 1564
- GHS-signal word: Warning

- GHS-H sentences: H302 - H332
- GHS-P sentences: P261 - P264 - P270 - P304 + P340 - P330 - P501a
- Tariff number: 2827 39 85 40
- Applications: analytical chemistry, for determination of: sulfates.

BA0053 Barium chloride dihydrate, EssentQ®



assay (complexometric) 99 - 102 %
identity (IR-spectrum) passes test
insoluble in water max. 0,02 %
pH (5 %, H₂O) 5,2 - 8,0
nitrogen compounds (as N) max. 0,003 %
calcium (Ca) max. 0,2 %
copper (Cu) max. 0,002 %

heavy metals (as Pb) max. 0,001 %
iron (Fe) max. 0,001 %
lead (Pb) max. 0,002 %
nickel (Ni) max. 0,002 %
strontium (Sr) max. 0,2 %
non precipitable with diluted H₂SO₄ max. 0,1 %

ART. NO.	VOLUME	CONTAINER
BA00530500	500 g	Ⓟ
BA00531000	1 kg	Ⓟ
BA0053005P	5 kg	Ⓟ
BA0053025P	25 kg	Ⓟ

BA0055 Barium chloride dihydrate, ExpertQ®, for analysis, ACS, ISO, Reag. Ph Eur



assay (complexometric) min. 99,0 %
identity (IR-spectrum) passes test
insoluble in water max. 0,005 %
pH (5 %, H₂O) 5,2 - 8,0
total nitrogen (as N) max. 0,002 %
oxidizing substances (as NO₂) max. 0,005 %
calcium (Ca) max. 0,005 %

heavy metals max. 5 ppm
iron (Fe) max. 1 ppm
lead (Pb) max. 0,001 %
potassium (K) max. 0,0025 %
sodium (Na) max. 0,005 %
strontium (Sr) max. 0,05 %
loss on drying (150 °C) 14,0 - 16,0 %

ART. NO.	VOLUME	CONTAINER
BA00550500	500 g	Ⓟ
BA00551000	1 kg	Ⓟ
BA0055005P	5 kg	Ⓟ
BA0055025P	25 kg	Ⓟ

BARIUM CHLORIDE, SOLUTION 10%

BA0056 Barium chloride, solution 10% w/v



- BaCl₂
- M = 208,25 g/mol
- CAS [10361-37-2]
- EINECS-No.: 233-788-1
- Density: 1,08 g/cm³
- EC-Index-No.: 056-004-00-8
- ADR: 6.1 T4 III UN 3287
- IMDG: 6.1 III UN 3287
- IATA/ICAO: 6.1 III UN 3287
- GHS-signal word: Warning

- GHS-H sentences: H302
- GHS-P sentences: P264 - P270 - P330 - P301 + P312 - P501a
- Tariff number: 2827 39 85 90
- Applications: analytical chemistry, laboratory reagent.
- Appearance: Colourless liquid

assay (argentometric) approx. 10 %

ART. NO.	VOLUME	CONTAINER
BA00560500	500 ml	Ⓟ