

CADMIUM

CA0080 Cadmium, metal, EssentQ®, Reag. Ph Eur



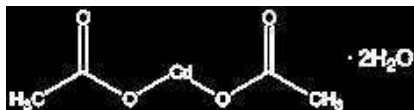
- Cd
- M = 112,40 g/mol
- CAS [7440-43-9]
- EINECS-No.: 231-152-8
- Solub. in water: (20 °C): insoluble
- Melting point: 321 °C
- Boiling point: 767 °C
- Vapour pressure: (394 °C) 1,3 hPa
- LD 50 (oral, rat): 225 mg/kg
- EC-Index-No.: 048-002-00-0 [1]
- ADR: 6.1 T5 I UN 3288
- IMDG: 6.1 I UN 3288

- IATA/ICAO: 6.1 I UN 3288
- GHS-signal word: Danger
- GHS-H sentences: H330 - H350 - H372 - H341 - H361fd - H400 - H410
- GHS-P sentences: P260 - P284 - P281 - P320 - P405 - P501a
- Tariff number: 8107 20 00 00
- Applications: analytical chemistry, laboratory reagent, electrolyte for batteries.

assay (complexometric) min. 99 %
 copper (Cu) max. 0,01%
 iron (Fe) max. 0,005%
 lead (Pb) max. 0,05%
 nickel (Ni) max. 0,05%
 tin (Sn) max. 0,05%
 zinc (Zn) max. 0,005%

ART. NO.	VOLUME	CONTAINER
CA00800250	250 g	

CADMIUM ACETATE DIHYDRATE



- Synonyms: Acetic acid cadmium salt
- Cd(CH₃COO)₂ · 2H₂O
- M = 266,52 g/mol
- CAS [5743-04-4]
- EINECS-No.: 208-853-2
- Solub. in water: (20 °C): freely soluble
- Melting point: 256 °C (anhydrous substance)
- EC-Index-No.: 048-001-00-5
- ADR: 6.1 T5 III UN 2570
- IMDG: 6.1 III UN 2570

- IATA/ICAO: 6.1 III UN 2570
- GHS-signal word: Warning
- GHS-H sentences: H400 - H410 - H302 - H312 - H332
- GHS-P sentences: P261 - P280 - P322 - P304 + P340 - P363 - P501a
- Tariff number: 2915 29 00 90
- Applications: analytical chemistry, laboratory reagent, for the detection of: sulfur, selenium, tellurium.
- Appearance: White solid

CA0048 Cadmium acetate dihydrate, EssentQ®



arsenic (As) max. 8 ppm
 pH (5 %, H₂O) 6, 5- 7,5
 chlorides (Cl) max. 0,002 %
 sulfates (SO₄) max. 0,01 %

copper (Cu) max. 5 ppm
 lead (Pb) max. 0,005 %
 iron (Fe) max. 0,001 %
 zinc (Zn) max. 0,005 %

ART. NO.	VOLUME	CONTAINER
CA00480250	250 g	

CA0050 Cadmium acetate dihydrate, ExpertQ®, for analysis



assay (complexometric) min. 99 %
 insoluble in water max. 0,005 %
 chlorides (Cl) max. 0,001 %
 nitrates (NO₃) max. 0,002 %
 sulfates (SO₄) max. 0,005 %
 sulfides (S) max. 0,002 %
 aluminium (Al) max. 0,005 %
 calcium (Ca) max. 0,005 %

copper (Cu) max. 5 ppm
 iron (Fe) max. 5 ppm
 lead (Pb) max. 0,001 %
 potassium (K) max. 0,005 %
 sodium (Na) max. 0,002 %
 zinc (Zn) max. 0,002 %
 non precipitable with H₂S (as SO₄) max. 0,1 %

ART. NO.	VOLUME	CONTAINER
CA00500100	100 g	
CA00500250	250 g	
CA00501000	1 kg	
CA0050005P	5 kg	
CA0050025P	25 kg	

CADMIUM CHLORIDE 2,5-HYDRATE

CA0060 Cadmium chloride 2,5-hydrate, EssentQ®



- CdCl₂ · 2,5H₂O
- M = 228,34 g/mol
- CAS [7790-78-5]
- EINECS-No.: 640-998-0
- Solub. in water: (25 °C): freely soluble
- LD 50 (oral, rat): 665 mg/kg
- EC-Index-No.: 048-008-00-3
- ADR: 6.1 T5 II UN 2570
- IMDG: 6.1 II UN 2570
- IATA/ICAO: 6.1 II UN 2570
- GHS-signal word: Danger
- GHS-H sentences: H301 - H330 - H340 - H350 - H360 - H372 - H400 - H410

- GHS-P sentences: P260 - P284 - P320 - P321 - P405 - P501a
- Tariff number: 2827 39 80 90
- Applications: analytical chemistry, laboratory reagent, electrolyte for batteries, metal alloys, in solders (aluminium), in galvanotechnia.
- Appearance: White chunks

assay (complexometric) 98 - 102 %
 insoluble in water max. 0,01 %
 nitrates and nitrites (as NO₂) max. 0,02 %
 sulfates (SO₄) max. 0,01 %
 ammonium (NH₄) max. 0,02 %
 arsenic (As) max. 1 ppm
 copper (Cu) max. 0,002 %
 iron (Fe) max. 0,002 %
 lead (Pb) max. 0,01 %
 zinc (Zn) max. 0,05 %

ART. NO.	VOLUME	CONTAINER
CA00600250	250 g	

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V
W
X
Y
Z