

POTASSIUM CHROMATE

PO0214 Potassium chromate, ExpertQ®, for analysis, ACS



- Synonyms: Chromic acid potassium salt
- K_2CrO_4
- $M = 194,2 \text{ g/mol}$
- CAS [7789-00-6]
- EINECS-No.: 232-140-5
- Solub. in water: (20 °C): 630 g/l
- Melting point: 968,3 °C
- Boiling point: 1000 °C
- LD 50 (oral, rat): 180 mg/kg
- EC-Index-No.: 024-006-00-8
- ADR: 6.1 T5 II UN 3288
- IMDG: 6.1 II UN 3288
- IATA/ICAO: 6.1 II UN 3288
- GHS-signal word: Danger

- GHS-H sentences: H340 - H350i - H410 - H315 - H319 - H317 - H335
- GHS-P sentences: P261 - P280 - P305 + P351 + P338 - P321 - P405 - P501a
- Tariff number: 2841 50 00 00
- Applications: analytical chemistry, laboratory reagent, in the production of enamels, inorganic salts.
- Appearance: Yellow solid

assay (iodometric) min. 99,5 %
 insoluble in water max. 0,005 %
 pH (5 %, H₂O) 8,6 - 9,8
 chlorides (Cl) max. 0,001 %
 sulfates (SO₄) max. 0,01 %
 calcium (Ca) max. 0,005 %
 lead (Pb) max. 0,005 %
 sodium (Na) max. 0,02 %

ART. NO.	VOLUME	CONTAINER
PO02140500	500 g	Ⓟ
PO02141000	1 kg	Ⓟ
PO0214005P	5 kg	Ⓟ

POTASSIUM CHROMATE, SOLUTION 10%

PO0216 Potassium chromate, solution 10% w/v, EssentQ®



- Synonyms: Chromic acid potassium salt
- K_2CrO_4
- $M = 194,21 \text{ g/mol}$
- CAS [7789-00-6]
- EINECS-No.: 232-140-5
- Density: ~ 1,08 g/cm³
- EC-Index-No.: 024-006-00-8
- ADR: 6.1 T4 III UN 3287
- IMDG: 6.1 III UN 3287
- IATA/ICAO: 6.1 III UN 3287
- GHS-signal word: Danger
- GHS-H sentences: H340 - H350i - H302 - H317 - H411

- GHS-P sentences: P261 - P280 - P281 - P321 - P405 - P501a
- Tariff number: 2841 50 00 00
- Applications: analytical chemistry, indicator.

assay (iodometric) approx. 10 %
 chlorides (Cl) max. 0,005 %
 sulfates (SO₄) max. 0,1 %
 aluminium (Al) max. 0,005 %
 calcium (Ca) max. 0,01 %
 copper (Cu) max. 0,005 %
 iron (Fe) max. 0,005 %
 lead (Pb) max. 0,01 %
 sodium (Na) max. 0,05 %

ART. NO.	VOLUME	CONTAINER
PO02160250	250 ml	Ⓟ

POTASSIUM CHROMATE, SOLUTION 5%

PO0215 Potassium chromate, solution 5% w/v, EssentQ®



- Synonyms: Chromic acid potassium salt
- K_2CrO_4
- $M = 194,21 \text{ g/mol}$
- CAS [7789-00-6]
- EINECS-No.: 232-140-5
- Density: ~ 1,04 g/cm³
- EC-Index-No.: 024-006-00-8
- ADR: 6.1 T4 III UN 3287
- IMDG: 6.1 III UN 3287
- IATA/ICAO: 6.1 III UN 3287
- GHS-signal word: Danger
- GHS-H sentences: H340 - H350i - H317 - H411

- GHS-P sentences: P261 - P280 - P281 - P321 - P405 - P501a
- Tariff number: 2841 50 00 00
- Applications: analytical chemistry, indicator.

assay (iodometric) approx. 5 %
 chlorides (Cl) max. 0,005 %
 sulfates (SO₄) max. 0,1 %
 aluminium (Al) max. 0,005 %
 calcium (Ca) max. 0,01 %
 copper (Cu) max. 0,005 %
 iron (Fe) max. 0,005 %
 lead (Pb) max. 0,01 %
 sodium (Na) max. 0,05 %

ART. NO.	VOLUME	CONTAINER
PO02150250	250 ml	Ⓟ

POTASSIUM DICHROMATE

- Synonyms: Potassium bichromate, Potassium pyrochromate
- $K_2Cr_2O_7$
- $M = 294,19 \text{ g/mol}$
- CAS [7778-50-9]
- EINECS-No.: 231-906-6
- Solub. in water: (20 °C): 130 g/l
- Melting point: 398 °C
- Boiling point: > 500 °C

- LD 50 (oral, rat): 25 mg/kg
- EC-Index-No.: 024-002-00-6
- ADR: 6.1 T5 II UN 3288
- IMDG: 6.1 II UN 3288
- IATA/ICAO: 6.1 II UN 3288
- GHS-signal word: Danger
- GHS-H sentences: H272 - H301 - H330 - H334 - H340 - H350 - H360FD - H372 - H314 - H400 - H410 - H312 - H317

- GHS-P sentences: P221 - P303 + P361 + P353 - P305 + P351 + P338 - P320 - P405 - P501a
- Tariff number: 2841 50 00 00
- Applications: oxidizing agent, synthesis of organic products, manufacture of dyes, painting.
- Appearance: Orange solid