

## Potassium dichromate 0.04 mol/l (0,24 N) with mercury (II) sulphate 80 g/l in sulphuric acid solution

### Danger

H350 H340 H360FD H310 H301+H331 H373 H314  
H334 H411

P201 P281 P284 P273 P301+P330+P331 P302+P352  
P304+P340 P309+P310

CAS 7778-50-9

EINECS: 231-906-6

UN: 3289

ADR 6.1,II

Restricted to professional users.

$K_2Cr_2O_7$

Density: ~ 1.19 g/cm<sup>3</sup> (20 °C)

Boiling Pt: Min. 100 °C (1013 hPa)

Storage Temperature: Ambient temperature



## Potassium dichromate 0.04 mol/l (0,24 N) with mercury (II) sulphate 80 g/l in sulphuric acid solution AVS TITRINORM® volumetric solution, for COD determination in water

(According to NFT 90-101 standard)

Titer (20°C; real value 0.2 % accuracy) ..... 0.03992 to 0.04008 mol/l

Cat. No.	Pk	Pack type
30891.295	1 l	Glass bottle
30891.420	2,5 l	Glass bottle SAFEBREAK

## Potassium dihydrogen phosphate

Potassium phosphate monobasic, Potassium dihydrogen orthophosphate

CAS 7778-77-0

EINECS: 231-913-4

$KH_2PO_4$

M.W. 136.09 g/mol

Density: 2.3 g/cm<sup>3</sup> (20 °C)

Boiling Pt: ~ 100 °C (1013 hPa)

Melting Pt: 253 °C

Storage Temperature: Ambient temperature

## Potassium dihydrogen phosphate HiPerSolv CHROMANORM® for HPLC

Assay ..... Min. 99.5 %  
pH (20°C; 5 %) ..... 4.3 to 4.5  
Heavy metals (as Pb) ..... Max. 10 ppm  
Cl (Chloride) ..... Max. 5 ppm  
SO<sub>x</sub> (Sulphate) ..... Max. 30 ppm  
Fe (Iron) ..... Max. 10 ppm  
Transmittance (254 nm) (0.1 mol/l) ..... Min. 90 %

Cat. No.	Pk	Pack type
153184U	500 g	Plastic bottle for solids

## Potassium dihydrogen phosphate AnalR NORMAPUR® Reag. Ph. Eur. analytical reagent

Assay (calculated on dried substance) 99.5 to 100.5 %  
Appearance of solution S ..... Passes test Ph. Eur.  
Identification A ..... Passes test Ph. Eur.  
Identification B ..... Passes test Ph. Eur.  
Identification C ..... Passes test Ph. Eur.  
Reducing substances ..... Passes test Ph. Eur.  
Solubility in water ..... Passes test Ph. Eur.  
Solution S ..... Passes test Ph. Eur.  
pH (20°C; 5 %) ..... 4.2 to 4.5  
Loss on drying (105°C) ..... Max. 2 %  
Water ..... Max. 0.2 %  
SO<sub>x</sub> (Sulphate) ..... Max. 30 ppm  
Ca (Calcium) ..... Max. 100 ppm  
Fe (Iron) ..... Max. 10 ppm  
Na (Sodium) ..... Max. 0.02 %  
Conforms to BDH 10203 ..... Passes test

Cat. No.	Pk	Pack type
26936.236	250 g	Plastic bottle for solids
26936.260	500 g	Plastic bottle for solids
26936.293	1 kg	Plastic bottle for solids
26936.320	2,5 kg	Plastic bottle for solids
26936.460	25 kg	Cardboard carton

## Potassium dihydrogen phosphate, crystallized Ph. Eur.

Assay (calculated on dried substance) ..... 98.0 to 100.5 %  
Appearance ..... Colourless crystals  
Identification A ..... Passes test  
Identification B ..... Passes test  
Identification C ..... Passes test  
Solution S ..... Passes test  
Appearance of solution ..... Passes test  
pH (5 %) ..... 4.2 to 4.5  
Reducing substances ..... Passes test  
Cl (Chloride) ..... Max. 200 ppm  
SO<sub>x</sub> (Sulphate) ..... Max. 300 ppm  
As (Arsenic) ..... Max. 2 ppm  
Fe (Iron) ..... Max. 10 ppm  
Heavy metals (as Pb) ..... Max. 10 ppm  
Loss on drying (125-130°C) ..... Max. 2.0 %  
Residual solvents ..... Passes test

Cat. No.	Pk	Pack type
26922.295	1 kg	Plastic bottle for solids
26922.364	5 kg	Plastic bottle for solids
26922.466	25 kg	Bucket (Plastic)

## Potassium dihydrogen phosphate, crystallized GPR RECTAPUR®

Assay ..... Min. 99 %  
Heavy metals (as Pb) ..... Max. 50 ppm  
Cl (Chloride) ..... Max. 50 ppm  
SO<sub>x</sub> (Sulphate) ..... Max. 0.02 %  
Fe (Iron) ..... Max. 100 ppm

Cat. No.	Pk	Pack type
26923.298	1 kg	Plastic bottle for solids
26923.367	5 kg	Plastic bottle for solids

## Potassium dihydrogen phosphate, powder GPR RECTAPUR®

Assay ..... Min. 99 %  
Heavy metals (as Pb) ..... Max. 50 ppm  
Cl (Chloride) ..... Max. 50 ppm  
SO<sub>x</sub> (Sulphate) ..... Max. 0.02 %  
Fe (Iron) ..... Max. 100 ppm

Cat. No.	Pk	Pack type
26925.295	1 kg	Plastic bottle for solids
26925.364	5 kg	Plastic bottle for solids
26925.460	25 kg	Bucket (Plastic)

## Potassium dihydrogen phosphate Electran® Molecular biology grade

Cat. No.	Pk	Pack type
436053H	250 g	Glass bottle for solids
436055J	1 kg	Glass bottle for solids