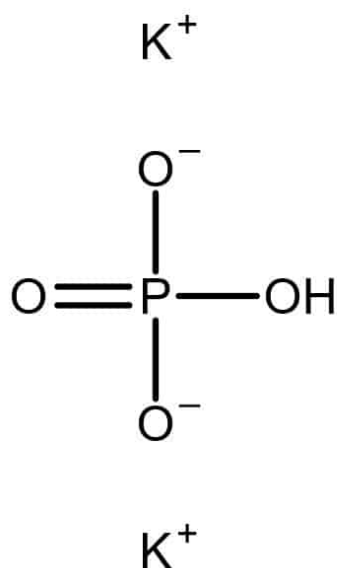


h1>Dipotassium hydrogen phosphate

97,5-101% (7758-11-4)



CAS number: **7758-11-4**

Summary formula: **K₂HPO₄**

Molar mass: **174.18 g / mol**

Synonyms: **dibasic potassium phosphate, dipotassium phosphate**

Translation [ENG]: **dipotassium hydrogen phosphate**

Application: **Dipotassium hydrogen phosphate is a common source of phosphorus and potassium, which is often used as a fertilizer. It is also widely used in the food industry, e.g. as a food additive and electrolyte supplement for training supplements.**

VARIATIONS

Image	Price	Pack size
$ \begin{array}{c} \text{K}^+ \\ \\ \text{O}^- \\ \\ \text{O}=\text{P}-\text{OH} \\ \\ \text{O}^- \\ \text{K}^+ \end{array} $	£144,36 gross £117,37 netto	10 kg

Image	Price	Pack size
$ \begin{array}{c} \text{K}^+ \\ \\ \text{O}^- \\ \\ \text{O}=\text{P}-\text{OH} \\ \\ \text{O}^- \\ \\ \text{K}^+ \end{array} $	£322,81 gross £262,45 netto	25 kg

PRODUCT DESCRIPTION

Dipotassium hydrogen phosphate 97.5-101% [7758-11-4]

Dipotassium hydrogen phosphate is a common source of phosphorus and potassium, which is often used as a fertilizer. It is also widely used in the food industry, e.g. as a food additive and electrolyte supplement for training supplements. Another use of dipotassium phosphate is a drug that serves as a diuretic or laxative. In addition, the production of buffer solutions and tryptase soy agar is commonly observed in chemical laboratories, which is used to produce agar plates for bacterial culture.

Density: 2.44 g / cm³ (20 ° C)

PH value: 9 (10 g / l, H₂O, 20 ° C)

Bulk density: 700 - 1000 kg / m³

Solubility: 1600 g / l

Specific absorbance (at 260 nm; 10%; 2 cm; water): ≤ 0.010

Chloride (Cl): ≤ 5 ppm

Sulphate (SO₄): ≤ 30 ppm

As (arsenic): ≤ 0.1 ppm

Ba (bar): ≤ 5.00 ppm

Ca (calcium): ≤ 0.50 ppm

Cd (cadmium): ≤ 0.005 ppm

Ce (cer): ≤ 0.010 ppm

Co (cobalt): ≤ 0.010 ppm

Cu (copper): ≤ 0.005 ppm

Eu (Europ): ≤ 0.010 ppm

Fe (iron): ≤ 0.100 ppm

Hg (mercury): ≤ 0.05 ppm
La (lanthanum): ≤ 0.010 ppm
Mg (magnesium): ≤ 0.50 ppm
Mn (manganese): ≤ 0.010 ppm
Na (Sodium): ≤ 50 ppm
Ni (nickel): ≤ 0.010 ppm
Pb (lead): ≤ 0.005 ppm
Sm (Samarium): ≤ 0.010 ppm
Sr (strontium): ≤ 0.50 ppm
Tl (tal): ≤ 0.01 ppm
Y (yttrium): ≤ 0.010 ppm
Yb (ytterbium): ≤ 0.010 ppm
Zn (zinc): ≤ 0.010 ppm

Hazard pictograms

Labeling of hazardous chemicals and mixtures that are part of the Globally Harmonized System of Classification and Labeling of Chemicals (GHS). The pictograms recommended by GHS have the shape of a square set on the top. They should contain a black symbol on a white background with a red border.

Priority rules to be observed in connection with the labeling of a substance:

- the skull and crossbones, the exclamation mark pictogram should not be added.
- corrosive effect, the exclamation mark pictogram should not be added if it concerns eye or skin irritation.
- health hazard determining respiratory sensitization, the exclamation mark pictogram should not be added if it concerns skin sensitization or irritation to eyes or skin.

Source: [GHS pictograms](#)