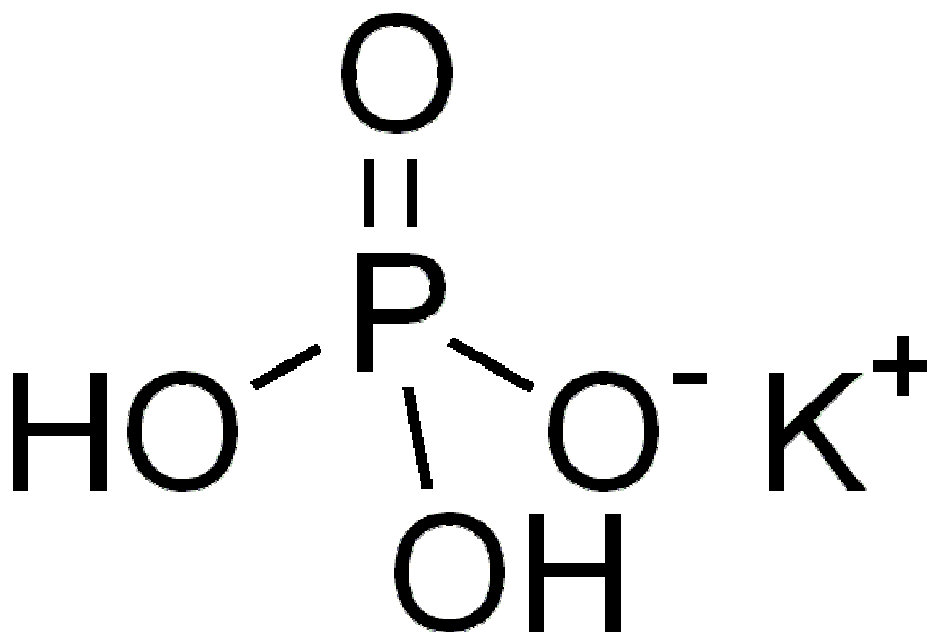


Monopotassium Phosphate

Description

Monopotassium phosphate, a highly soluble inorganic salt, is a versatile feed additive and nutrient source valued for its fortifying properties. Used across various types of livestock and aquaculture diets, it delivers bioavailable phosphorus and potassium to support bone, muscle and metabolic health. These properties ensure broad species compatibility and performance consistency.

▪ Chemical name	Potassium dihydrogen phosphate
▪ INCI/USAN name	Monopotassium phosphate
▪ Abbreviation	MKP
▪ CAS number	7778-77-0
▪ EC number	231-913-4
▪ Chemical formula	KH ₂ PO ₄



Monopotassium Phosphate

Typical properties

Appearance	White crystals
KH ₂ PO ₄ content (%)	min. 98.0
P ₂ O ₅ content (%)	52.0 ± 1.0
Phosphor content (%)	22.7 ± 0.4
Potassium content (%)	28.2 ± 1.0
pH value (1% solution)	4.2 – 4.6
Bulk density (g/L)	1000 – 1300
Insoluble phosphorous (% in 2% citric acid)	max. 10.0
Loss on drying (%)	max. 0.2
Insoluble in water (%)	max. 0.1
Solubility (% in 6% dest. water)	Clear and colourless
Sieve analysis through 30 mesh (%)	min. 99.5
Fluoride	max. 2000 ppm
Arsenic	max. 10 ppm
Cadmium	max. 10 ppm
Lead	max. 15 ppm
Mercury	max. 0.1 ppm

Packaging

This product is available in the form of 25kg bags. Transported in FEED CERTIFIED trucks. Other packaging types only available at request.

Storage

Store this product in a cool and well-ventilated place. Keep away from moisture. Shelf life of 36 months under appropriate conditions of storage.