

PCP

Precipitated Calcium Phosphate

A phosphorus-calcium rich product based on 100 % renewed phosphoric raw material with a very low content of heavy metals.

Product Description

PCP	
Phosphorus (P)	16.5 % Minimum
Calcium (Ca)	35 %
Cas No	1306-06-5
Chemical name	Hydroxyapatite
Formula	$\text{Ca}_5(\text{PO}_4)_3\text{OH}$
Applications	Animal feed, Compound feed, Organic Fertiliser, Fertilizer raw material

Product Trace Elements

Trace Elements	Typical mg/kg PCP	Analysed by*
Aluminium (Al)	1700	ALS
Arsenic (As)	1.4	ALS
Cadmium (Cd)	<0.1	ALS
Chromium (Cr)	1.7	ALS
Copper (Cu)	5	ALS
Fluorine (F)	0.014	
Iron (Fe)	1400	ALS
Kobalt (Co)	0.7	ALS
Lead (Pb)	3.6	ALS
Magnesium (Mg)	4100	ALS
Mercury(Hg)	<0.1	ALS
Nickel (Ni)	2.5	ALS

* ICP-SFMS according to SS EN ISO 17294-1, 2 (mod) and EPA-method 200.8 (mod).

Product Properties

Physical properties	Value
Appearance	White powder or granule
Colour	White
Odour	Odourless
DS%	92-95
Density (dry powder)	2.57 g/cm ³
Particle Size	Not analysed

Product Management

Specifications	Value
Storage	Store tightly closed in a dry, cool and well-ventilated place.
Shelf life	Recommended shelf life is 24 months. No expiry date when stored in recommended conditions.
Delivery	Sealed container, Big Bag

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