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BOLIFOR[®] MCP-F

Monocalcium Phosphate, Monohydrate Feed Grade

IDENTIFICATION

Chemical formula
 $\text{Ca}(\text{H}_2\text{PO}_4)_2 \times \text{H}_2\text{O}$

CAS No. 10031-30-8
EINECS No. 231-837-1

Inorganic feed material according to Regulation (EC) No 767/2009 of the European Parliament and of the Council and Commission Regulation (EU) No 242/2010.

DESCRIPTION

A feed grade monocalcium phosphate produced by means of reacting phosphoric acid and calcium sources in a granulator at precise conditions.

The selected raw materials, of only mineral origin, and production process ensure a product with good phosphorus digestibility and the level of undesirable elements are below that stipulated by EU feed legislation.

BOLIFOR[®] MCP-F appears as grey granules. The product is highly soluble in water and diluted acids. BOLIFOR[®] MCP-F is odourless and has an acidic taste.

NUTRITIVE VALUE

Trial data show significant differences in phosphorus digestibility between and within the different generic types of inorganic feed phosphates. BOLIFOR[®] feed phosphates are regularly evaluated in terms of digestibility in monogastric species at reputable research institutes. The results show consistently that BOLIFOR[®] digestibility values are at the top of the range. Trial reports and digestibility coefficients are available on request.

SPECIFICATION

Phosphorus (P)	22.7%
Relative solubility in	
2% citric acid	98%
alkaline ammonium citrate	98%
water	75%
Calcium (Ca)	16.5%
Ca:P ratio	0.7:1
Magnesium (Mg)	1%
pH	4-5
Ash insoluble in 3N HCl	< 1%
Moisture (mechanical free water)	< 2%

RECOMMENDED USE/APPLICATIONS

The superior chemical solubility and biological availability make BOLIFOR[®] MCP-F a top ranked granular calcium and phosphorus source. It is recommended for use in concentrates, compound feed, mineral feed and other feeds for cattle, pigs, poultry and all other animals.

SPECIAL ADVANTAGES

- Granulated and free flowing which makes the product less dusty and easy to handle
- Very high concentration of phosphorus which gives a narrower Ca:P ratio than DCP
- Very high chemical solubility which gives the product an excellent digestibility
- Low buffering capacity
- Digestibility ranked second to MSP in all biological trials
- In Vivo digestibility coefficients precisely determined at reputable research institutes
- Minimum level of undesirable substances
- Consistent quality