

BOLIFOR® MONOCALCIUM PHOSPHATE

Description:

BOLIFOR® is a feed grade monocalcium phosphate produced by means of reacting phosphoric acid and calcium sources in a granulator at precise conditions. BOLIFOR® MCP-F appears as grey granules. The product is highly soluble in water and diluted acids. BOLIFOR® MCP-F is odorless and has an acidic taste.

Specifications:

Phosphorus (P)	22.7% Minimum
Relative solubility in	
2% citric acid	98%
Alkaline ammonium citrate	98%
Water	75%
Calcium (Ca)	16.0% Minimum
Fluorine (F)	2000 mg/kg Maximum
Iron (Fe)	8000 mg/kg Maximum
Ca:P ratio	0.7:1
Magnesium (Mg)	1%
pH	4 - 5
Ash soluble in 3N HCL	1% Maximum
Moisture	2% Maximum

Physical Properties:

Appearance	Fine Granules > 90% within 0.2 - 1.5mm
Bulk Density	900 - 1100kg/m ³
Water activity	a _w < 0.70



Undesirable Substances:

Fluorine (F)	0.2% Maximum
Arsenic (As)	10 mg/kg Maximum
Cadmium (Cd)	10 mg/kg Maximum
Lead (Pb)	15 mg/kg Maximum
Mercury (Hg)	0.1 mg/kg Maximum
Dioxins (WHO-PCDD/F-TEQ)	1.0 ng/kg Maximum
Dioxins + dioxin-like PCBs (WHO-PCDD/F-PCB-TEQ)	1.5 ng/kg Maximum