



BOLIFOR® MONOCALCIUM PHOSPHATE

(Feed Grade)

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)	2000mg/kg maximum
Iron (Fe)	8000mg/kg maximum
Ca:P ratio	0.7:1
Magnesium (Mg)	1%
pH	4-5
Ash insoluble 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