

## TECHNICAL DATA SHEET

### ORGANIC NPK FERTILIZER

**SIFORGA  
BIO 5-3-8**

- SIFORGA BIO 5-3-8
- Product is made of animal and vegetal raw materials
- 100% natural, no chemical or other additives
- High percentage of stable organic matter
- Free from pathogens and weed seeds
- Low in chlorine
- Produced in conformity with 1069/2009/EEC
- Allowed to be used for ecological growing (EU 834/2007, 889/2008)

### Average Analysis

% on total product

Dry matter	90
Organic matter (loss on ignition at 550 °C)	70

### Main elements

% on total product

Nitrogen (N) total	5.0
- Nitrogen (N) organic	4.6
- Nitrogen (N) ammonium	0.4
Phosphate (P <sub>2</sub> O <sub>5</sub> ) total	3.0
- Phosphate water-soluble	1.2
- Phosphate soluble in neutral ammonium citrate	2.5
Potassium (K <sub>2</sub> O)	8.0
Magnesium (MgO) total	0.6
Sulphur (S) total	2.3
Calcium (CaO)	



### Trace elements

mg/kg dry matter

Iron (Fe)	380
Manganese (Mn)	70
Boron (B)	15
Molybdenum (Mo)	1.5
Cobalt (Co)	1.0

### Heavy metals

mg/kg dry matter

Arsenic (As)	<3.0
Cadmium (Cd)	<0.1
Chromium (Cr)	<10
Copper (Cu)	50
Quicksilver (Hg)	<0.1
Nickel (Ni)	<3.0
Lead (Pb)	<5.0
Zinc (Zn)	150

### Other characteristics

Sodium (Na <sub>2</sub> O)	1.5 [% on total product]
Chlorine (Cl)	0.2 [% on total product]
EC	2.6 (mS /cm)
pH (water) appr.	appr. 7.0
C/N appr.	appr. 7.0

### Physical data

Appearance	Granule
Granule size	1-2 mm / 2-5 mm
Bulk density	700-850 [kg/m <sup>3</sup> ]



Due to the natural origin of the raw materials of this fertilizer analysis may vary.

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