

MICRONUTRIENTS

Oligo Optimum Iron-EDDHA 6% (4.0% o-o)

June 2019

Origin: Spain

EC FERTILISER

Reach Reg. 01-2119487279-21

Section 1 | Description

Brand name	Van Iperen Oligo Optimum Iron-EDDHA 6% (4.0% o-o)
Chemical name	Acetic acid, oxo-, sodium salt with ethylenediamine and phenol, iron sodium salts.
Chemical formula	$C_{18}H_{16}N_2O_6NaFe$
Appearance	Dark red/ black microgranules

Section 2 | Chemical composition

Iron (Fe), Total	6% +/- 0.4% w/w
Iron (Fe), chelated by [o,o]- EDDHA	4% +/- 0.4% w/w

Section 3 | Heavy metals

Arsenic (As)	< 0.5mg/kg	Mercury (Hg)	< 0.5mg/kg
Cadmium (Cd)	< 5mg/kg	Lead (Pb)	< 5mg/kg
Chrome (Cr)	< 20mg/kg		

Section 4 | Physical properties

Density	0.55 +/- 0.1g/cm ³
pH	8.5 +/- 1 (in 1% solution)
Electric conductivity (EC)	0.45 +/- 0.05mS/cm (in 0.1% solution)
Solubility	60g/L
% nutrients chelated	100%