

MICRONUTRIENTS | DTPA CHELATES

Oligo Iron-DTPA 11%

November 2020

Origin: Poland

EC FERTILISER

Reach Reg. 17-21199556042-44

Section 1 | Description

Brand name	Van Iperen Oligo Iron-DTPA 11%
Chemical name	diethylenetriaminepentaacetic acid, ferric sodium complex
Chemical formula	$C_{14}H_{19}N_3O_{10}FeNa$
Appearance	Brown microgranules

Section 2 | Chemical composition

Iron (Fe), chelated by DTPA	11% +/- 0.4% w/w
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Section 3 | Heavy metals

Arsenic (As)	< 0.5mg/kg	Mercury (Hg)	< 0.01mg/kg
Cadmium (Cd)	< 0.5mg/kg	Lead (Pb)	< 2mg/kg
Chrome (Cr)	< 2mg/kg	Sodium (Na)	< 4.5%

Section 4 | Physical properties

Density	0.8 +/- 0.1g/cm ³
pH	7 +/- 1 (in 0.1% solution) 6.5 +/- 1 (in 1% solution)
Electric conductivity (EC)	0.37 +/- 0.04mS/cm (in 0.1% solution) 3.0 +/- 0.2mS/cm (in 1% solution)
Solubility	800g/L
Insolubles	< 0.01%
% nutrients chelated	100%