

MICRONUTRIENTS | DTPA CHELATES

Oligo Iron-DTPA 6% Liquid

June 2020

Origin: Poland

EC FERTILISER

Reach Reg. 01-2119980791-27

Section 1 | Description

Brand name	Van Iperen Oligo Iron-DTPA 6% Liquid
Chemical name	Diethylenetriaminepentaacetic acid, ferric-diammonium complex
Chemical formula	$C_{14}H_{18}N_3O_{10}Fe(NH_4)_2$
Appearance	Transparent red-yellow liquid

Section 2 | Chemical composition

Iron (Fe), chelated by DTPA	6% +/- 0.4% w/w 7.6% +/- 0.5% w/v
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Section 3 | Heavy metals

Arsenic (As)	< 0.01mg/kg	Mercury (Hg)	< 0.01mg/kg
Cadmium (Cd)	< 0.1mg/kg	Lead (Pb)	< 0.5mg/kg
Chrome (Cr)	< 7mg/kg		

Section 4 | Physical properties

Density	1.28 +/- 0.01kg/L
pH	7 +/- 1 (in 1% solution) 6 +/- 0.5 (in 0.1% solution)
Electric conductivity (EC)	3.0 +/- 0.2mS/cm (in 1% solution) 0.35 +/- 0.02mS/cm (in 0.1% solution)
Crystallization temperature	- 20°C
% nutrients chelated	100%