

ADVANCED

Calcium-EDTA 14%

January 2018

Origin: Poland

Reach Reg. 17-2119496221-41

Section 1 | Description

Brand name	Van Iperen Calcium-EDTA 14%
Chemical name	Ethylenediaminetetraacetic acid, calcium disodium complex
Chemical formula	$C_{10}H_{12}N_2O_8Na_2Ca$
Appearance	White microgranules

Section 2 | Chemical composition

Calcium Oxide (CaO), chelated by EDTA	14% +/- 0.4% w/w
Calcium (Ca), chelated by EDTA	10% +/- 0.4% w/w

Section 3 | Heavy metals

Arsenic (As)	< 0.5mg/kg	Mercury (Hg)	< 0.01mg/kg
Cadmium (Cd)	< 2mg/kg	Lead (Pb)	< 2mg/kg
Chrome (Cr)	< 1mg/kg		

Section 4 | Physical properties

Density	0.8 +/- 0.2g/cm ³
pH	8 +/- 1.5 (in 1% solution) 7.5 +/- 1.5 (in 0.1% solution)
Electric conductivity (EC)	3.4 +/- 0.2mS/cm (in 1% solution) 0.42 +/- 0.04mS/cm (in 0.1% solution)
% nutrients chelated	100%