

SPECIALS

Cal Boron

Horticultural Grade

June 2019

Origin: Poland

EC FERTILISER

Reach Reg.

Section 1 | Description

Brand name	Van Iperen Cal Boron Horticultural Grade
Chemical name	Mixture of calcium ammonium nitrate and boric acid
Chemical formula	$\text{CaNH}_4(\text{NO}_3)_2 + \text{H}_3\text{BO}_3$
Appearance	White flakes

Section 2 | Chemical composition

Total Nitrogen (N)	15.1% +/- 0.3% w/w
Nitric Nitrogen (N-NO ₃)	14.3% +/- 0.3% w/w
Ammoniacal Nitrogen (N-NH ₄)	0.8% +/- 0.1% w/w
Calcium Oxide (CaO)	27% +/- 0.3% w/w
Boron (B)	0.2% +/- 0.02% w/w

Section 3 | Heavy metals

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

Section 4 | Physical properties

Density	0.95 +/- 0.05g/cm ³
pH	6 +/- 0.5 (in 1% solution) 6 +/- 1 (in 10% solution)
Electric conductivity (EC)	1.2 +/- 0.2mS/cm (in 0.1% solution)
Solubility	2000g/L
Insolubles	< 0.01%