

Calcium Nitrate Fertigation Grade

20TH OF DECEMBER 2010

SHEET 1 / 1

Section 1 / Description:

Brand name	Van Iperen Calcium Nitrate Fertigation Grade
Chemical name	Double salt of calcium- and ammonium nitrate
Chemical formula	$5 \text{Ca}(\text{NO}_3)_2 \cdot \text{NH}_4\text{NO}_3 \cdot 10\text{H}_2\text{O}$
Appearance	Ocre to beige hygroscopic granules

Section 2 / Chemical composition:

	Guaranteed
CaO	26%
Ca	19%
Total Nitrogen	15%
N-NO ₃	13.5%
N-NH ₄	1.5%
Chloride free	

Section 3 / Physical properties:

Density	1.056 g/cm ³
pH	6.0 - 7.0 (in 10% water solution)
Water insoluble	Max 0.3%