



Calcium Nitrate Horticultural Grade

Section 1 | Description

Brand name	Calcium Nitrate Horticultural 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	White granules

Section 2 | Chemical composition

Total Nitrogen (N)	15.5% w/w
Nitric Nitrogen (N-NO ₃)	14.4% w/w
Ammonium Nitrogen (N-NH ₄)	1.1% w/w
Calcium Oxide (CaO)	26.3% w/w
Calcium (Ca)	18.8% w/w

Section 3 | Physical properties

Density	0.8 g/cm ³ +/- 0.1
pH	7 (in 10% solution)
Insolubles	< 0.1%

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