



CALCIUM NITRATE GREENHOUSE GRADE GRANULAR

PRODUCT SPECIFICATION

Validity from 1/01/02

CHEMICAL COMPOSITION

Formula :	$5\text{Ca}(\text{NO}_3)_2 \cdot \text{NH}_4\text{NO}_3 \cdot 10\text{H}_2\text{O}$	
	Typical	Guaranteed
Total Nitrogen N :	15,5 %	min. 15,1 %
Ammoniacal Nitrogen :		max 1,5 %
Calcium oxyde CaO :	27,0 %	min. 26,1 %
Water H ₂ O :		max 16 %
Water insolubles :		max 0,1%

PHYSICAL CHARACTERISTICS (Typical values)

Density :	1,1 g/cm ³
Tapped density :	1,2 g/cm ³
Caking strength :	< 0,2 Kg/cm ²
Crushing strength :	> 3 Kg/cm ²
Angle of repose :	30 °
Solubility at 20 °C :	2 kg per litre

PARTICLE SIZE

1-4 mm	80 %
< 1 mm	20 %

Storage : This product should be stored in a place not exposed to the sun and far away from heat sources or open flames. The bags must be placed at least 1 meter from the walls, roof or beams. The place should have good ventilation.

End use : Fertilizer to be used with irrigation water.

HELIOPOTASSE S.A.

25 Place de la Réunion - 68100 Mulhouse Cedex / FRANCE
Phone : 33 (0)3 89 36 39 50 - Fax : 33 (0)3 89 46 01 22