



Calcium Nitrate Horticultural Grade Product Data Sheet

Item Number: 60-085

Description

Brand name	UCY Calcium Nitrate Horticultural Grade
Chemical name	Double salt of calcium- and ammoniumnitrate
Chemical formula	$5\text{Ca}(\text{NO}_3)_2 \cdot \text{xNH}_4\text{NO}_3 \cdot 10\text{H}_2\text{O}$

Chemical composition

Parameter	Unit	Typical Value
Total Nitrogen (N)	% w / w	15.2
Nitric Nitrogen (N-NO ₃)	% w / w	14.5
Ammonium Nitrogen (N-NH ₄)	% w / w	0.7
Calcium Oxide (CaO)	% w / w	27.5
Calcium (Ca)	% w / w	19.6

Physical properties

Parameter	Unit	Typical value
Density	g / cm ³	0.95 +/- 0.05
pH		5 -7
Insolubles	%	< 0.1