



## UCY Calciumnitrate anhydrous Product Data Sheet

Item Number: 60-135

### Description

Brand name	UCY Calciumnitrate anhydrous
Chemical name	Calciumnitrate anhydrous
Chemical formula	Ca(NO <sub>3</sub> ) <sub>2</sub>
Appearance	White Prills

### Chemical composition

Parameter	Unit	Typical Value
Total Nitrogen (N)	% w / w	17.0
Nitric Nitrogen (N-NO <sub>3</sub> )	% w / w	16.8
Ammonium Nitrogen (N-NH <sub>4</sub> )	% w / w	0.2
Calcium (Ca)	% w / w	23.5
Calcium Oxide (CaO)	% w / w	33.0

### Physical properties

Parameter	Unit	Typical value
pH (in 1% solution)		5.5 +/- 1
Insolubles	%	< 0.1
Solubility at 20 °C	g / L	1210
Moisture	%	< 3

### Heavy Metals

Parameter	Unit	Typical value
Arsenic (As)	mg / kg	< 1
Cadmium (Cd)	mg / kg	< 5
Chrome (Cr)	mg / kg	< 5
Mercury (Hg)	mg / kg	< 0.05
Lead (Pb)	mg / kg	< 1