

## Technical Data Sheet

### M Nitrates - Calcium



Generic name:	Calcium nitrate
IUPAC name:	Calcium nitrate
CAS:	10124-37-5
Form:	Granular
Origin:	China
Additional:	REACH Certification*

Item	Specification	Typical result %
Nitrogen	15.5% min	15.52%
Nitrate Nitrogen	14.4% min	14.41%
Ammoniacal Nitrogen	1.1% min	1.12%
Calcium Oxide (CaO)	26.0% min	26.1%
Calcium (Ca)	18.8% min	18.83%
Water insoluble	0.1 % max	0.09 %
Iron	0.02% max	0.0046%
PO4	0.051%max	0.049%
Chlorides	0.02%max	0.018%
Moisture	2.0%max	0.46 %
pH:	5-7	5.7
Granulometry	90%: 2-4mm 10%: 1-2mm	

## Heavy Metals Analysis

Arsenic (As)	< 1mg/kg	< 1mg/kg
Cadmium (Cd)	< 1mg/kg	< 1mg/kg
Lead (Pb)	< 1mg/kg	< 1mg/kg
Chromium (Cr)	< 1mg/kg	< 1mg/kg
Mercury (Hg)	< 1mg/kg	< 1mg/kg
Nickel (Ni)	< 1mg/kg	< 1mg/kg
Copper (Cu)	< 1mg/kg	< 1mg/kg
Zinc (Zn)	< 1mg/kg	< 1mg/kg

*\*REACH is a system for Registration, Evaluation and Authorization and Restriction of Chemical substances that are produced or imported in the European Union. adopted to improve the protection of human health and the environment from the risks that can be posed by chemicals, The regulations (Regulation No. 1907/2006) on this date from 18 December 2006, and entered into force from 1 June 2007.*