

# SHANGHAI MINTCHEM DEVELOPMENT CO., LTD

R602 4# 89 NONG MUDAN ROAD PUDONG SHANGHAI CHINA

## Specification Sheet

### Calcium Nitrate

#### Physical Properties:

Formula	Ca(NO <sub>3</sub> ) <sub>2</sub>	Molecular Weight	236.14	CAS NO.	13477-34-4
U.N-NO	1454	Class	5.1	H.S-NO	3102600000

#### Character:

White crystal, easy to absorb moisture, decomposed at 132°C, easy to soluble in water, alcohol, carbinol and acetone, hardly soluble in concentrated nitric acid. Have oxidizing, it will release oxygen when heating, with encounter organic, sulfur occurs combustion and explosion.

#### Chemical Parameters:

NO.	Technological Specification	Standard%
1	Assay	99%min
2	Ca(no <sub>3</sub> ) <sub>2</sub>	68.0-71.0
3	Ca	0.05%max
4	Insoluble in Water	0.00%max
5	pH (5% Sol.)	4.0-7.5
	Fe	10 ppm max
	Heavy Metal	
	NH <sub>3</sub>	
	HNO <sub>3</sub>	

**APPLICATION:** It is mainly Used for Verification sulfate and oxalic acid salt. Compound foundation medium. Manufacturing other nitrate, incandescent lamps, fireworks..

**PACKAGE:** Packing in 25kgs PP bag.

Transportation: DG, UN 1454, 5.1.

**MANUFACTURER:** SHANGHAI MINTCHEM DEVELOPMENT CO., LTD

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