

## CALCIUM AMMONIUM NITRATE (N27)

Product specification	Monomark standard
1. Total amount of nitrogen (N), mass %:	27.0 ± 2.0
Amount of nitrogen in the form of nitric nitrogen, mass %	13.5 ± 2.0
Amount of nitrogen in the form of ammoniacal nitrogen, mass %	13.5 ± 2.0
2. Total amount of calcium oxide (CaO), mass %	7.0 ± 2.0
Amount of water-soluble calcium oxide (CaO), mass %	3.0 ± 1.5
3. Total amount of magnesium oxide (MgO), mass %	5.0 ± 2.0
4. Amount of calcium nitrate (Ca(NO <sub>3</sub> ) <sub>2</sub> ), mass %	≤ 0.5
5. The sum of mass fractions of calcium carbonate and magnesium carbonate (CaCO <sub>3</sub> +MgCO <sub>3</sub> ), mass %	≥ 19
6. Average size of granule, mm	≥ 3.5
7. Moisture, %	≤ 0.3
8. Granulometry:	
A sieve with a mesh size of 5 mm can be used to sift at least % of the product	95
The mass fraction of granules from 2 mm to 5 mm, %, shall not be less than	95
9. Static strength of granules, N/granule (kgf/granule)	≥ 35 (3.5)
NOTE: Calcium ammonium nitrate is covered by anticaking agents.	