



**MENAFERT**

Technical Data Sheet

# Straights Calcium Nitrate FG

[www.menafert.com](http://www.menafert.com)  
[info@menafert.com](mailto:info@menafert.com)



## MENAFERT

Straights

Calcium Nitrate FG

### Description

Brand Name	Calcium Nitrate FG
Chemical name	Double salt of calcium and ammonium nitrate
Chemical Formula	$5\text{Ca}(\text{NO}_3)_2\text{NH}_4\text{NO}_3 \cdot 10\text{H}_2\text{O}$
Appearance	Ocre to beige hygroscopic granules

### Chemical Composition

Total Nitrogen (N)	>15% w/w
Nitrate N (N-NO <sub>3</sub> )	>13.5% w/w
Ammoniacal N (N-NH <sub>4</sub> )	<1.5% w/w
Calcium Oxide (CaO)	26% w/w
Calcium (Ca)	18.6% w/w

### Physical Properties

Density	1.0 g/cm <sup>3</sup>
pH	5.9 - 6.7 (in 10% water solution)
Insolubles	<0.3%