



Technical Data Sheet

CALCIUM NITRATE INDUSTRIAL GRADE PRILLED OR GRANULAR

This product is refined, coated, granular or prilled, highly soluble material consisting mainly of calcium nitrate ($\text{Ca NO}_3)_2$) with 6% ammonium nitrate (NH_4NO_3) and approximately 15% water of crystallization. The coating is organic and applied at a level of 0.15% (prilled) or 0.35% (granular) by weight of product.

TYPICAL ANALYSIS

Nitrate (NO_3)	64.4%
Nitrate Nitrogen (NO_3 -)	14.4%
Ammonium Nitrogen (NH_4+)	1.1%
Calcium (Ca)	19.0%
Water Insolubles*	Max. 0.5%

*(Calcium phosphate, fluoride, sulphate, and SiO_2)

<u>Soluble Impurities</u>	<u>Max %</u>	<u>Soluble Impurities</u>	<u>Max %</u>
Aluminum (Al)	0.005	Manganese (Mn)	0.02
Chloride (Cl)	0.02	Phosphate (PO_4)	0.06
Copper (Cu)	0.0001	Potassium (K)	0.01
Iron (Fe)	0.003	Sodium (Na)	0.015
Lead (Pb)	0.0001	Sulfate (SO_4)	0.04
Magnesium (Mg)	0.15		

Bulk Density 1.06kg/dm³ (66 lb/ft³) ± 5% Loose

<u>Screen Analysis:</u>	<u>% on Sieve</u>
2.0 - 4.0 mm	90% - Granular
1.0 - 2.0 mm	90% - Prilled

2/4/05

Customer Service

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