



Changsha RuiYang Material Co., Ltd.
长沙金睿洋新材料有限公司

Technical Data Sheet

Calcium Ammonium Nitrate (CAN)

Product: Calcium Ammonium Nitrate (CAN)
Molecular Formula: $\text{Ca}(\text{NO}_3)_2 \cdot \text{NH}_4\text{NO}_3$ (granular)
Molecular Weight: — g/mol
Cas No.: 15245-12-2
Density: 1.65 g/cm³
UN No. UN 1942, Class 5.1, PG III (depending on NH_4NO_3 content)
HS Code: 28342990

CHEMICAL ANALYSIS

Item	Indicators		Analysis Result
	Excellence in goods	First grade	
Total Nitrogen (N)	≥27.0%	≥26.0%	27.4%
Nitrate N ($\text{NO}_3\text{-N}$)	≥13.5%	≥13.0%	13.7%
Ammoniacal N ($\text{NH}_4\text{-N}$)	≥13.5%	≥13.0%	13.7%
Calcium (as CaO)	≥6.0%	≥5.0%	6.5%
Moisture	≤1.0%	≤2.0%	0.8%
Granule size (2-4 mm)	≥90%	≥80%	92%

Chemical Properties

Chemical Properties: Light yellow to white granular. Density: 1.65 g/cm³.