



Yara Management System

Document type:
Sales specification

Valid for Organization:
Colombia

Valid for Location/Facility:
Colombia

[Y-FPT215] CACINIT

15-0-0-26 CaO

Specialties / Especialidades

DH Code: LANHG

Technical Data Sheet / Ficha de Especificaciones Técnicas

GENERAL SPECIFICATIONS / ESPECIFICACIONES GENERALES	
Alternative Names / Otros Nombres	Double salt of calcium nitrate and ammonium decahydrate / Sal doble de Nitrato de calcio y amonio decahidratada
Formula / Fórmula	$5\text{Ca}(\text{NO}_3)_2 \cdot \text{NH}_4\text{NO}_3 \cdot 10\text{H}_2\text{O}$
Grade / Grado	15.5-0-0-26.0 CaO
Use / Uso	Fertigation fertilizer / Fertilizante para fertirriego
Color / Color	White / Blanco
Appearance / Apariencia	Granules / Gránulos
Free flowing and free from harmful substances / Fluido y libre de sustancias nocivas Free of foreign materials / Libre de materiales extraños.	
Particle Size (mm) / Tamaño de Partícula (mm)	Guaranteed Range (% Retained)
P > 4.0 mm	0 - 20
1.0 mm < P < 4.0 mm	80 - 100
P < 1.0 mm	0 - 20

CHEMICAL ANALYSIS / ANÁLISIS QUÍMICO	TYPICAL / NOMINAL
Total Nitrogen / Nitrógeno Total (%N)	15.5
Ammoniacal Nitrogen / Nitrógeno Amoniacal (%N)	1.3
Nitric Nitrogen / Nitrógeno Nitrico (%N)	14.2
Calcium / Calcio (%CaO)	26.0
Moisture / Humedad (H ₂ O)	1.0 max

PHYSICOCHEMICAL PROPERTIES/ PROPIEDADES FISICO - QUÍMICAS		
pH 10% solution / pH en solución al 10%	un	5.0 - 7.0
Solubility / Solubilidad	g/100ml H ₂ O @ 20°C	250

HEAVY METALS / METALES PESADOS	TYPICAL / NOMINAL
Cadmium / Cadmio (ppm)	5.00
Lead / Plomo (ppm)	10.00
Chrome / Cromo (ppm)	5.00
Arsenic / Arsenico (ppm)	0.50
Mercury / Mercurio (ppm)	0.20

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