

# Magruder 171211 5-15-30

Results due January 15, 2018

## Guaranteed Analysis

Total Nitrogen (N) .....	5.00 %
4.3 % Ammoniacal Nitrogen	
0.7 % Nitrate Nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ) .....	15.00 %
Soluble Potash (K <sub>2</sub> O) .....	30.00 %
Calcium (Ca) .....	1.00 %
Total Magnesium (Mg) .....	1.20 %
1.2 % Water Soluble Magnesium	
Total Sulfur (S) .....	5.00 %
2.0 % Free Sulfur	
3.0 % Combined Sulfur	
Total Iron(Fe) .....	0.50 %
0.2 % Soluble Iron	
Copper (Cu) .....	0.10 %
0.05 % Soluble Copper	
Manganese (Mn) .....	0.30 %
0.10 % Soluble Manganese	
Zinc (Zn) .....	1.30 %
0.50 % Soluble Zn	
Boron (B) .....	0.30 %
0.10 % Soluble Boron	
Molybdenum (Mo) .....	100 ppm

Derived from. Ammonium Phosphate, Potassium Nitrate, Muriate of Potash, Sulfate of Potash Magnesium, Iron Oxysulfate, Copper Oxysulfate, Manganese Oxysulfate, Zinc Oxysulfate, Calcium Borate and Molybdic Acid

*Also analyze for:*

As (ppm), Cd (ppm), Cr (ppm), Co (ppm), Pb (ppm),  
Hg (ppm), Ni (ppm), Se (ppm)

*The units above are those required for reporting data from this Magruder sample. They may not be the units required on a commercial fertilizer label.*

***Note: This Magruder Check Sample material is not to be used in the manufacture of products nor applied to any crops or for other fertilizer uses. It is intended for analytical testing purposes only.***

**SDS for this product can be found at:**

<http://www.magruderchecksample.org/SDS/171211sds.pdf>