



Association of  
American Plant  
Food Control  
Officials

# Magruder Certificate of Analysis

## Magruder Sample #240611 Calcium Nitrate

Analyte	Value	± Uncertainty	# Labs
Ammoniacal N (%)	1.156	0.032	27
Nitrate N (%)	14.23	0.12	17
Total N (15.5%)	14.75	0.16	49
Acid Soluble Ca (19%)	18.87	0.12	58

1. Data obtained from participant results in the Magruder Check Sample Program.
2. Guaranteed concentrations noted by the value preceding the unit in Analyte name.
3. Values are robust means. Uncertainty determined as  $1.25 \times \text{robust standard deviation} / \sqrt{\text{\#Labs}}$ .  
Results only shown for analytes tested by 16 or more labs. Values and uncertainties for analytes tested by less than 16 labs are available in Analyte Reports.