

Magruder Certificate of Analysis

Magruder Sample #181011 Grade 0-45-45

Analyte	Value	± Standard Uncertainty	# Labs
Total Phosphorus as P2O5 (%)	44.93	0.14	56
Direct Available Phosphorus as P2O5 (45%)	44.97	0.1	50
Soluble Potassium as K2O (45%)	44.86	0.11	98
Acid Soluble Iron (%)	0.00390	0.00120	17

- 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. Standard uncertainty determined as 1.25 x robust standard deviation / sqrt(#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.
- 4. Technical information on Certificat of Analysis available at www.magruderchecksample.org/prod/Articles.html