

Magruder Certificate of Analysis

Magruder Sample #250714 19-19-19

Analyte	Value	± Uncertainty	# Labs	
Ammoniacal N (%)	3.791	0.125	25	
Total N (19%)	16.88	0.089	60	
Total P2O5 (%)	16.05	0.17	43	
Direct Available P2O5 (19%)	15.67	0.15	38	
Soluble K2O (19%)	23.93	0.32	72	
Acid Soluble Cd (ppm)	16.68	0.54	19	
Acid Soluble Cr (ppm)	98.53	3.36	20	
Acid Soluble Ni (ppm)	13.16	0.63	19	
Acid Soluble Zn (%)	0.02199	0.00055	28	

^{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 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.