

Magruder Certificate of Analysis

Magruder Sample #210811 11-52-0 MAP

Analyte	Value	± Standard Uncertainty	# Labs
Ammoniacal N (%)	10.99	0.06	33
Total N (11%)	11.21	0.04	70
Total P2O5 (%)	51.84	0.14	45
Direct Available P2O5 (52%)	51.89	0.11	52
Acid Soluble Cd (ppm)	60.18	2.63	19
Acid Soluble Cr (ppm)	277.4	10.9	17
Acid Soluble Ni (ppm)	43.89	2.07	19
Acid Soluble Zn (%)	0.09186	0.00360	25

- 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