



Magruder Certificate of Analysis

Magruder Sample #230714 DAP 18-46-0

Analyte	Value	± Uncertainty	# Labs
Ammoniacal N (%)	17.11	0.16	26
Total N (18%)	17.40	0.044	64
Total P2O5 (%)	45.99	0.19	42
Direct Available P2O5 (46%)	46.14	0.11	40
Acid Soluble As (ppm)	14.12	0.39	19
Acid Soluble Cd (ppm)	3.286	0.088	20
Acid Soluble Cr (ppm)	116	2.8	21
Acid Soluble Co (ppm)	2.658	0.152	16
Acid Soluble Fe (%)	0.9763	0.0212	16
Acid Soluble Mo (ppm)	12.86	0.64	21
Acid Soluble Ni (ppm)	11.41	0.39	22
Acid Soluble Zn (%)	0.00557	0.00028	20

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.