



Magruder Certificate of Analysis

Magruder Sample #250511 Grade 5-0-20

Analyte	Value	± Uncertainty	# Labs
Total N (5%)	5.453	0.021	61
Soluble K ₂ O (20%)	19.94	0.072	67
Total S (13%)	13.23	0.065	33

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.