



# Analysis Report

## GU20-04517.001

**Client:** Agrowcultural Organics Inc.  
62 Carnforth Road  
Toronto, ON N4A 2K7

**Job Number:** GU20-04517  
**Received:** 24-Aug-2020  
**Completed:** 24-Aug-2020

**Submitted for:** Agrowcultural Organics - GRX  
**Client Sample ID:** GRX

Analysis	Results (unit)		Standardized Analysis	
pH	7.63		-- --	-- --
EC (Total Salt)	0.97 (mmhos/cm)		2.0 (mmhos/cm)	-- --
Nitrate Nitrogen	8.00 (ppm)	0.57 (mmol/L)	32.0 (ppm)	2.3 (mmol/L)
Chloride	31.00 (ppm)	0.87 (mmol/L)	123.9 (ppm)	3.5 (mmol/L)
Bicarbonate	250.41 (ppm)	4.11 (mmol/L)	1,001.1 (ppm)	16.4 (mmol/L)
Total Hardness	36.62 (ppm)		146.4 (ppm)	
Phosphorus	2.81 (ppm)	0.09 (mmol/L)	11.2 (ppm)	0.4 (mmol/L)
Potassium	17.34 (ppm)	0.44 (mmol/L)	69.3 (ppm)	1.8 (mmol/L)
Calcium	<1.00 (ppm)	<0.03 (mmol/L)	-- --	-- --
Magnesium	3.11 (ppm)	0.13 (mmol/L)	12.4 (ppm)	0.5 (mmol/L)
Sulphate	254.26 (ppm)	2.64 (mmol/L)	1,016.5 (ppm)	10.6 (mmol/L)
Sodium	107.98 (ppm)	4.70 (mmol/L)	431.7 (ppm)	18.8 (mmol/L)
Zinc	2.67 (ppm)	40.85 (µmol/L)	10.7 (ppm)	163.3 (µmol/L)
Manganese	3.00 (ppm)	54.55 (µmol/L)	12.0 (ppm)	218.1 (µmol/L)
Copper	0.34 (ppm)	5.34 (µmol/L)	1.4 (ppm)	21.3 (µmol/L)
Iron	9.48 (ppm)	169.73 (µmol/L)	37.9 (ppm)	678.5 (µmol/L)
Boron	33.68 (ppm)	3118.43 (µmol/L)	134.6 (ppm)	12,466.6 (µmol/L)
Molybdenum	0.46 (ppm)	4.73 (µmol/L)	1.8 (ppm)	18.9 (µmol/L)
Silicon	<1.00 (ppm)	<35.60 (µmol/L)	-- --	-- --
Anions	10.94 (meq/L)		-- --	
Cations	8.85 (meq/L)		-- --	
Ammonium Nitrogen	49.40 (ppm)	3.51 (mmol/L)	197.5 (ppm)	14.0 (mmol/L)

Signed and dated in Guelph, ON  
On 24-Aug-2020

For and on behalf of SGS Canada Inc., Agriculture and Food

**David Boyle, PhD**  
Senior Chemist

**Report File Reference Number: 0000145385**

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