

**WALLACE LABS**  
**365 Coral Circle**  
**El Segundo, CA 90245**  
**(310) 615-0116**

**ANALYSES**

DATE:

May 16, 2014

Location Inda-Gro  
 Requester Darryl Cotton  
 Method EPA 3051B, EPA 6010B  
 Material Aquaponic Elements

14-136F-01 Digestion Analytical Dectection Limit  
 Determination

*elements*

aluminum	39,343.92	EPA 3051B	EPA 6010B	0.10
arsenic	< 0.25	EPA 3051B	EPA 6010B	0.25
barium	330.68	EPA 3051B	EPA 6010B	0.02
boron	< 0.05	EPA 3051B	EPA 6010B	0.05
cadmium	0.63	EPA 3051B	EPA 6010B	0.05
calcium	13,234.84	EPA 3051B	EPA 6010B	0.01
chromium	10.38	EPA 3051B	EPA 6010B	0.05
cobalt	17.43	EPA 3051B	EPA 6010B	0.05
copper	13.90	EPA 3051B	EPA 6010B	0.10
iron	12,100.20	EPA 3051B	EPA 6010B	0.05
lead	5.72	EPA 3051B	EPA 6010B	0.15
lithium	15.04	EPA 3051B	EPA 6010B	0.05
magnesium	19,221.82	EPA 3051B	EPA 6010B	0.01
manganese	423.09	EPA 3051B	EPA 6010B	0.05
mercury	<0.08	EPA 3051B	EPA 6010B	0.08
molybdenum	7.09	EPA 3051B	EPA 6010B	0.05
nickel	52.46	EPA 3051B	EPA 6010B	0.05
phosphorus	2,091.31	EPA 3051B	EPA 6010B	1.00
potassium	21,242.96	EPA 3051B	EPA 6010B	5.00
selenium	13.40	EPA 3051B	EPA 6010B	0.25
silicon	6,761.32	EPA 3051B	EPA 6010B	0.15
silver	5.41	EPA 3051B	EPA 6010B	0.05
sodium	10,704.18	EPA 3051B	EPA 6010B	0.50
strontium	172.12	EPA 3051B	EPA 6010B	0.02
sulfur	84.59	EPA 3051B	EPA 6010B	1.00
tin	< 2.50	EPA 3051B	EPA 6010B	2.50
titanium	1,818.77	EPA 3051B	EPA 6010B	0.03
vanadium	1,667.99	EPA 3051B	EPA 6010B	0.03
zinc	23.27	EPA 3051B	EPA 6010B	0.03
chloride	460.65	EPA 3051B	EPA 6010B	5.00

Elements expressed as mg/kilogram (parts per million) on an as received basis.

Total Nitrogen	<0.001%
Water Soluble Nitrogen	<0.001%
Water Insoluble Nitrogen	<0.001%
Total P2O5	0.479%
Total K2O	2.549%
Available P2O5	0.189%
Soluble K2O	0.203%
Acid Insoluble Materials	78.40%