



THORNTON LABORATORIES TESTING & INSPECTION SERVICES, INC.

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24-May-2019
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Report for: Hydrodynamics International, Inc.
5711 Enterprise Drive
Lansing, MI 48911
Attn: Jason Steinman

Sample Identification:

Liquid Fertilizer
Id: Ionic Bloom Soil

Date Received: 2-May-2019

Laboratory Number: 422644

CERTIFICATE OF ANALYSIS

Method	Parameter	Result	Units	Detection Limit-	Analysis Date/Analyst
EPA 6010	Arsenic (As), Total	< 1.0	mg/Kg	0.01	05-16-19 DS
	Barium (Ba), Total	< 0.1	mg/Kg	0.01	05-16-19 DS
	Cadmium (Cd), Total	< 0.1	mg/Kg	0.01	05-16-19 DS
	Chromium (Cr), Total	< 0.1	mg/Kg	0.01	05-16-19 DS
	Cobalt (Co), Total	8.1	mg/Kg	0.01	05-16-19 DS
	Copper (Cu), Total	25	mg/Kg	0.01	05-16-19 DS
	Lead (Pb), Total	< 1.0	mg/Kg	0.01	05-16-19 DS
EPA 7473	Mercury (Hg), Total	< 0.01	mg/Kg	0.01	05-14-19 JF
EPA 6010	Molybdenum (Mo), Total	8.3	mg/Kg	0.01	05-16-19 DS
	Nickel (Ni), Total	9.2	mg/Kg	0.01	05-16-19 DS
	Zinc (Zn), Total	59	mg/Kg	0.01	05-16-19 DS
	Selenium (Se), Total	3.6	mg/Kg	0.10	05-16-19 DS
	Silver (Ag), Total	< 0.15	mg/Kg	0.15	05-23-19 *
EPA 3050B	Digestion/Preparation for Analysis		1.0018-100		05-07-19 SR

* Analysis performed by Pace Analytical [#E84809].

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Steve Fickett, III