



# THORNTON LABORATORIES TESTING & INSPECTION SERVICES, INC.

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

Sample Identification:

Liquid Fertilizer  
Id: Ionic Grow

Date Received: 26-Apr-2019

Laboratory Number: 422539

## CERTIFICATE OF ANALYSIS

Method	Parameter	Result	Units	Detection Limit-	Analysis Date/Analyst
EPA 6010	Arsenic (As), Total	< 1.0	mg/Kg	0.01	04-30-19 DS
	Barium (Ba), Total	0.2	mg/Kg	0.01	04-30-19 DS
	Cadmium (Cd), Total	< 0.1	mg/Kg	0.01	04-30-19 DS
	Chromium (Cr), Total	0.3	mg/Kg	0.01	04-30-19 DS
	Cobalt (Co), Total	8.0	mg/Kg	0.01	04-30-19 DS
	Copper (Cu), Total	23	mg/Kg	0.01	04-30-19 DS
	Lead (Pb), Total	< 1.0	mg/Kg	0.01	04-30-19 DS
EPA 7473	Mercury (Hg), Total	< 0.01	mg/Kg	0.01	04-29-19 JF
EPA 6010	Molybdenum (Mo), Total	8.1	mg/Kg	0.01	04-30-19 DS
	Nickel (Ni), Total	8.5	mg/Kg	0.01	04-30-19 DS
	Zinc (Zn), Total	61	mg/Kg	0.01	04-30-19 DS
	Selenium (Se), Total	< 0.3	mg/Kg	0.10	04-30-19 DS
	Silver (Ag), Total	< 0.23	mg/Kg	0.23	05-09-19 *
EPA 3050B	Digestion/Preparation for Analysis		1.0270-100		04-29-19 SR

\* Analysis performed by Pace Analytical [#E84809].

THORNTON LABORATORIES  
Steve Fickett, III