



Certificate of Analysis

Client:	Pursanova	Sample Nos:	S0005659-S0005665
Sample Description:	water	Receipt Date:	2019-07-26
		Test Date:	2019-07-29
		Shipment Temp:	ambient
		Storage Temp:	ambient

Samples:		Results:		
Sample ID#	Sample Description	Glyphosate (ng/mL)	AMPA (ng/mL)	Effective Glyphosate Level (ng/mL)
S0005659	Water sample - before test	ND	ND	ND
S0005660	Water sample - spiked to 0.3 ng/ml	0.19	ND	0.19
S0005661	Water sample - after filtration 0.3 ng/ml	ND	ND	ND
S0005662	Water sample - waste water after filtration 0.3 ng/ml	Trace	0.07	0.10
S0005663	Water sample - spiked to 3.3. ng/ml	2.51	0.05	2.58
S0005664	Water sample - after filtration 3.3 ng/ml	ND	ND	ND
S0005665	Water sample - waste water after filtration 3.3 ng/ml	Trace	0.09	0.13

Methods

Sample Analysis: HRI TM #7 "Glyphosate in water, Cation H method"

Glyphosate LOQ = 0.025 ppb, LOD = 0.007 ppb
AMPA LOQ = 0.025 ppb, LOD = 0.014 ppb

Terms: "Trace" is between LOD and LOQ
"ND" is less than LOD

Effective Glyphosate Level calculated according to Food and Agriculture Organization (FAO) method where total glyphosate residue is the sum of the weight of glyphosate + 1.5 × the weight of its metabolite AMPA. Effective glyphosate levels above the LOQ are normalized using specific gravity.

Released on Behalf of HRI Laboratories by:

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