



Certificate of Analysis

Sample Description: Orange Juice  
Client: Moms Across America Mission Viejo  
Sample Volume: various

Sample Numbers: S0001323-1332  
Receipt Date: 2017-05-25  
Test Date: 2017-06-02  
Shipment Temp: 0°C  
Storage Temp: 4°C

Samples:				Results:		
Sample ID#	Product Description, Manufacturer, UPC	Lot#, Expiration	Sample Volume	Glyphosate (ng/ml)	AMPA (ng/ml)	Effective Glyphosate Level (ng/ml)
S0001323	100% Premium pasteurized orange juice / Signature Farms/ 021130072880	JBA 05:14 S1251 / Best before Jun 27 2017	12 oz	5.26	0.72	6.33
S0001324	No pulp low acid orange juice / Tropicana / 048500309223	48 J V 2013 / Use by Jun 22 2017	59 oz	5.11	13.34	25.12
S0001325	Pasteurized orange juice / Kirkland / 096619416417	SI 10:45 125 / Best by Jun 29 2017	59 oz	4.57	0.92	5.96
S0001326	Original orange juice / Stater Bros / 074175018054	F4 PLT#06-10 07:51 / Best by Jun 19, 2017	16 oz	3.53	0.60	4.43
S0001327	Original orange juice / Stater Bros / 074175018054	F4 PLT#06-10 07:39 / Best by June 12, 2017	16 oz	3.98	0.63	4.93
S0001328	100% Premium pasteurized orange juice / Signature Farms/ 021130072880	JBA 05:05 S1251 / Best before May 31 2017	12 oz	4.83	0.64	5.78

S0001329	Original orange juice / Minute Maid Premium / 025000063213	WAVE 0110 / Best before June 12 2017	10 oz	4.57	5.38	12.65
S0001330	Original orange juice / Minute Maid Premium / 025000063213	WAVE 0632 / Best before June 07, 2017	10 oz	4.57	5.98	13.54
S0001331	Pasteurized orange juice / Kirkland / 096619416417	SI 19:09 117 Best by June 21, 2017	59 oz	3.08	0.84	4.33
S0001332	No pulp low acid orange juice / Tropicana / 048500309223	48 JP 1918 / Use by May 04 2017	59 oz	4.70	14.23	26.05

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Methods

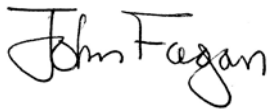
Sample Analysis: HRI TM #8 "Glyphosate and AMPA Detection by LC-MS/MS"

Glyphosate      LOQ = 0.30 ppb, LOD = 0.08 ppb      Terms: "Trace" is between LOD and LOQ  
 AMPA              LOQ = 0.30 ppb, LOD = 0.08 ppb              "Not Detected" 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.

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Released on Behalf of HRI Laboratories by



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