



Certificate of Analysis

Sample Description:	organic baby food	Sample Numbers:	S0001848, S0001856
Client:	Moms Across America Mission Viejo	Receipt Date:	2017-09-29
Sample Mass:	various	Test Date:	2018-09-01
		Shipment Temp:	+4°C
		Storage Temp:	-20°C

Samples:				Results:		
Sample ID#	Sample Description/ UPC Code	Lot # and Expiration Date	Sample mass (g)	Glyphosate (ng/g)	AMPA (ng/g)	Effective Glyphosate Level (ng/g)
S0001848	Earth's Best / Organic / Peach Oatmeal Banana / 023923400542	170H01047 JG 12:10 04JAN19	113 g	Not detected	Not detected	Not detected
S0001856	Plum organics / yellow / mango, yellow zucchini, corn, & turmeric / 846675010476	LBG16 7089 23:15 Best before 28 Jan 18	99 g	Not detected	Not detected	Not detected

Methods

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

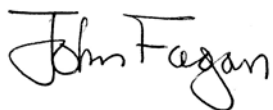
Sample preparation employed a modification of the method described in Chamkasem, Narong, Cynthia Morris, and Tiffany Harmon. 2016. "Direct Determination of Glyphosate, Glufosinate, and AMPA in Milk by Liquid Chromatography/tandem Mass Spectrometry." *Journal of Regulatory Science* 3 (2): 20–26.

LC-MS/MS analysis employed a modification of the method described in Jensen, Pamela K., Chad E. Wujcik, Michelle K. McGuire, and Mark A. McGuire. 2016. "Validation of Reliable and Selective Methods for Direct Determination of Glyphosate and Aminomethylphosphonic Acid in Milk and Urine Using LC-MS/MS." *Journal of Environmental Science and Health, Part B* 51 (4): 254–59. doi:10.1080/03601234.2015.1120619.

Limit of Quantitation (LOQ) and Limit of Detection (LOD) are sub-part per billion for this method and are determined for each sample.

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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