Health Research Institute Laboratories

Certificate of Analysis

Sample Description:	baby food
Client:	Moms Across America Mission Viejo
Sample Mass:	various

Sample Numbers:	see below
Receipt Date:	2017-09-29
Test Date:	2018-03-28
Shipment Temp:	+4°C
Storage Temp:	-20°C

Samples: / **Results:**

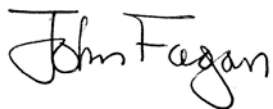| Sample ID#	Sample Description/ UPC Code	Lot # and Expiration Date	Sample mass (g)	Glyphosate (ng/g)	AMPA (ng/g)	Effective Glyphosate Level (ng/g)
1833, 1842, 1843, 1859	Baby foods - vegetable and fruit content	various	15 g of each sample, composited	Detected	Not detected	Detected
1834, 1837, 1852, 1853	Baby foods - fruit and grain content, incl. oats and whole wheat	various	15 g of each sample, composited	14.32	Not detected	14.32

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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