Microbe Inotech Laboratories, Inc.
Summary Report of Analysis
[GLYPH – 312] Version 1.2

Moms Across America
Zen Honeycutt
[redacted]

March 14, 2016
Revised March 16, 2016
(Corrected year)

Description and Chain of Custody Record Information:

- Friday, February 19, 2016 – 11:05AM: Received by USPS ten (10) samples for Glyphosate detection by ELISA assay.
- MiL, Inc. REPORT and Invoice No.: GLYPH312

Sample Processing

To detect Glyphosate, an enzyme linked immunosorbent assay (ELISA) was used. The sample along with a glyphosate specific antibody is added to a well coated with goat anti-Rabbit antibody and incubated for 30 minutes. Then a glyphosate enzyme conjugate is added. A competition occurs between glyphosate that is present in the sample and the enzyme labeled glyphosate analog for the antibody binding sites in the well. The wells are washed and a color solution is added. The color solution causes a color change in the wells containing the enzyme labeled glyphosate analog. Since the labeled glyphosate was in competition with the unlabeled glyphosate in the sample the color development is inversely proportional to the concentration of glyphosate in the sample. The wells are read at 450nm to determine absorbance.

Results are calculated based on a standard curve. The results are then adjusted based on the extraction procedure and final dilution.

the MiL, inc. 11754 WESTLINE INDUSTRIAL DRIVE ST. LOUIS MO 63146-3402
PHONE: (800) 688-9144 FAX: (314) 645-2544

Results:

Sample Name	Dilution	Results in ppb
Soda	1:200	< 15 ppb
Ensure	1:1000	< 75 ppb
Canola Oil	undiluted	0.332 ppb
Cows Milk**	1:1000	181 ppb
Gatorade	undiluted	0.455 ppb
Influenza Vaccine	undiluted	0.331 ppb
MMR Vaccine	undiluted	2.671 ppb
Pneumococcal Vaccine	undiluted	0.107 ppb
Hep B Vaccine	undiluted	0.325 ppb
T Dap Vaccine	undiluted	0.123 ppb

Limit of Detection for glyphosate in Corn Syrup (Soda): 15 ppb
Limit of Detection for glyphosate in Gatorade and Vaccines: 0.075 ppb
Limit of Detection in Milk (and Ensure): 75 ppb
Limit of Detection in Canola Oil: 0.075 ppb

Note: Disclaimer: the MiL, inc. is not a human clinical diagnostic laboratory and makes no warranty to the fitness of this data for such purposes.

****Note: Disclaimer: The extraction method for milk is the only validated method**

Thank you from the staff on project:

Sara J. Blamey
Laboratory Director

Michele R. Gossett
Laboratory Manager

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