



Certificate of Analysis

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Table with columns: Sample ID, Sample Type, Sample name, Sample Description, Lot # and Expiration Date, Glyphosate (ng/g), AMPA (ng/g), Effective Glyphosate Level (ng/g). Rows include various food items like bread, bagels, pasta, crackers, cookies, muffins, flour, bars, and snacks.

Sample Analysis: Screening and Confirmation of Glyphosate/AMPA Residues by UHPLC-MS-MS, an ISO 17025:2017-Accredited HRI internal Method; TM #8, Glyphosate & AMPA in

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.

Glyphosate LOQ = 0.05 ppb, AMPA LOQ = 0.05 ppb, LOD = 0.02 ppb, LOD = 0.013 ppb. Terms: 'Trace' is between LOD and LOQ, 'Not Detected(ND)' is less than LOD

Analysed and reported on Behalf of Health Research Institute by

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