Lead Testing Resources for Maple Syrup

In order to know the lead concentration of a maple syrup sample it must be analyzed using the appropriate ICPU microwave methods for detection. Not all labs have the highest sophistication degree of equipment to indicate exact lead concentrations and rather report levels of detection (i.e. less than 250ppb or less than 500ppb). This is not recommended as a true concentration level is best suited.

The following labs have demonstrated proficiency and are able to conduct the testing under the required level of detection necessary under the Standards set for Ohio.

Private labs (Pay for tests - only you receive the results)

Biosolutions LLC

10180 Queens Way #6 Chagrin Falls, OH 44023

Phone: 440-708-2999 - Fax: 440-708-2988

Web: http://biosolutionslab.com

Public Lab (Tests are free - the results are public record)

Ohio Department of Agriculture

Division of Food Safety 8995 East Main Street Reynoldsburg, Ohio 43068-3399

Phone: 614-728-6250 - Fax: 614-644-0720 Web: http://www.ohioagriculture.gov/foodsafety/

LeadCheck® Kits



- ♦ If wanting to test equipment at your operation these are a first effort.
- They are not the most reliable and false positives can occur.
- ♦ ONLY GOOD FOR USE ON ONE SPOT ONE TIME.
- Can pick them up at hardware/lumber stores

Can buy bulk volumes direct from company

LeadCheck®

Products Hybrivet Systems, Inc. P.O. Box 2425 Natick, MA 01760 1-800-262-5323 508-651-7881

| SOME LABORATORIES THAT TEST FOR LEAD IN MAPLE SYRUP - JANUARY 2015 | | | | | | |
|--|----------------------------------|----------------------------------|----------------------------------|-------------------------------|-------------------|-------------------|
| Laboratory Name and Address | Contact Name and Phone Number | Program Specialty Areas | Sample Size and Turn Around Time | Minimum Detection Limit (ppb) | Weight/W eight | Weight/V olume |
| A&L Canada Laboratories East Inc. 2136 Jetstream Road London, Ontario N5V 3P5 | <u>(519) 457-2575</u> | Agriculture and Food Products | 100 ml 4 – 7 working days | < 10 ppb | ND | ND |
| Covance Laboratories 3301 Kinsman Blvd Madison, Wisconsin | (608) 242-2712 | Agriculture and Food Products | 1 - 2 weeks | 5 ppb | ✓ | 10. |
| Endyne Inc. 160 James Brown Drive Williston, Vermont 05495 | (802) 879-4333 | Agriculture and Food Products | | < 10 ppb | ND | ND |
| Exova Inc. 9240 Santa Fe Springs Road Santa Fe Springs, California 90670 | (562) 948-2225 | Agriculture and Food Products | 1 - 2 weeks | 4 ppb | ~ | · |
| Exova Canada Inc Mississauga Laboratory 2395 Speakman Drive Mississauga, Ontario L5K 1B3 | (905) 822-4111 | Agriculture and Food Products | | 3 ppb | ND | ND - |
| Maxxam Analytics Inc. 6740 Campobello Rd. Mississauga, Ontario L5N 2L8 | (905) 817-5700 | Agriculture and Food Products | 100 ml | < 10 ppb | ND | ND |
| Maxxam Analytics Inc Montreal 7150 Rue Frederick Banting Ville St-Laurent, PQ H4S 2A1 | <u>(514) 448-9001</u> | Agriculture and Food Products | | < 10 ppb | ND | ND |
| University of Guelph Laboratory Services Division 95 Stone Road West P.O. Box 3650 Guelph, Ontario N1H 8J7 | (519) 767-6299 | Agriculture and Food Products | 100 ml 7 – 14 working days | 4 ppb | ✓ | |

^{*}ND = not determined