AGX INC.
environmental consultants

Test Number: 116078.FEL
Date: February 8, 2016

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| **Client** | ForeverLawn, Inc. |
| **Test Conducted** | Turf digestion and analysis for total lead content ASTM F2765-09 |
| **Description of Test Sample** | |
| Identification | ForeverLawn: K9Grass Classic |
| Fiber | Polyethylene and nylon fibers |

**Test Description**

A 4X4 inch section of new K9Grass Classic was provided to the laboratory for analysis. The laboratory removed approximately 5 grams of the turf fibers and prepared the sample by heating (using microwaves) and digesting (using acid preparations) to break-down the turf grass into a liquid. This preparation method is identified as EPA 3052 - Microwave Assisted Acid Digestion of Siliceous and Organically Based Matrices and is considered a total sample decomposition method.

After preparation the digested material was analyzed for total lead content using the analysis method EPA 6010 - Inductively coupled plasma atomic emission spectroscopy (ICP-AES), also referred to as Inductively Coupled Plasma Optical Emission Spectrometry (ICP-OES). This is an analytical technique used for the detection of trace metals (those found at very low concentrations). It is a type of emission spectroscopy that uses the inductively coupled plasma to produce excited atoms and ions that emit electromagnetic radiation at wavelengths characteristic of a particular element The intensity of this emission is indicative of the concentration of the element within the sample.

Preparation and analysis of this sample was performed at the RJ LeeGroup Laboratory which is AIHA and EPA accredited to conduct this analysis.

**Test Results**

| | Sample Concentration | | Minimum Reporting Limit | |
|---|---|---|---|---|
| Sample | Weight Percent (%) | Parts Per Million (PPM) | Weight Percent (%) | Parts Per Million (PPM) |
| K9Grass Classic | <0.00225 | <22.5 | 0.00225 | 22.5 |

**Comparison to Standards**

ASTM Standard Specification for Total Lead Content in Synthetic Fibers - Designation: F2765-09 specifies that the total concentration of lead in synthetic turf fibers be less than 300 ppm.

**Conclusion**

The lead concentration in the tested turf was lower than the laboratory level of detection for the ASTM specified method of preparation and analysis, and was therefore well below the permissible concentration.

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