



**Client:**

Company:	Turf USA
Address:	546 NW 77 <sup>th</sup> Street Boca Raton, FL 33487

**Test Material:**

Date Material Received:	December 27, 2023
Date Material Tested:	January 4, 2024
Material Type:	Synthetic Turf Yarn
Material Condition:	Excellent, New
Yarn Identification:	Landscape

**Test Overview:** Testing Services LLC was instructed by the client to perform **product testing** consisting of yarn, finished turf construction and performance characteristics.

**Test Methods:**

Standard:	EN 71-3	Test Method:	EU Toy Standard for Heavy Metals (ppm Heavy Metals)
Standard:	EPA 6010/7470	Test Method:	Toxic Characteristic Leaching Procedure (TCLP) by Method 6010: RCRA Metals and Mercury

**Test Results:**

Method	Test Description	<sup>1</sup> Yarn (Fiber) Testing		Test Result
ASTM F2765	Lead Content			< 0.25 mg/Kg
EN 71-3 / EPA 6010	Heavy Metals	CAM 17 Metals /RCRA Metals Toxic Characteristic Leaching Procedure (TCLP) for RCRA Metals		
		Arsenic (As)		< 0.5 mg/Kg
		Barium (Ba)		< 0.5 mg/Kg
		Cadmium (Cd)		< 0.1 mg/Kg
		Chromium (Cr)		< 0.5 mg/Kg
		Selenium (Se)		< 0.1 mg/Kg
		Silver (Se)		< 0.5 mg/Kg
EPA 7470A	RCRA Mercury	Mercury (Hg)		< 0.002 mg/Kg

➤ Under NVLAP guidelines, TSi is to report any outsourcing of testing to another laboratory facility. In the above testing, some/all of tests were outsourced to: Analytical Industrial Research Laboratories. Their accreditations are on file and available upon request.

**Uncertainty:**

We undertake all assignments for our clients on a best effort basis. Our findings and judgments are based on the information using the latest test methods available. TSi can only ensure the test results for the specific items tested. Unless otherwise noted in the deviations sections of this report, all tests performed are in compliance with stated test method.

Test Report Approval:

Erle Miles, III, Lab Director, Testing Services (TSI) LLC

TSI Accreditation: Our laboratory is accredited by the US Dept. of Commerce, National Institute of Standards and Technology; ISO/IEC 17025:2005. Our code # is: NVLAP 100108-0.



Testing Services (TSI) LLC  
 817 Showalter Avenue  
 PO Box 1343  
 Dalton, GA 30721