

LABORATORY TESTING

HEAVY METAL & SEMI-VOLATILE ORGANIC CONTENT



Project Information

Project Name	TTII SYN FILL 10-20 SAND INFILL – THOMPSON, OH Infill- Aqueous Test	Job no.	93535/3613
Client Information	Target Technologies International, Inc. 8535 Eastlake Drive Burnaby, BC V5A 4T7		
Date of Report	July 20, 2018	Sample Arrival	6/8/2018
Report Status	Final		
Prepared by	Jeffrey Gentile Laboratory Director		
Checked by	Kieran O'Donnell Field Operation Manager		

Notes:

1. This report has been prepared by Sports Labs USA with all reasonable skill, care and diligence within the terms of the contract with the Client and within the limitations of the resources devoted to it.
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Standard / Regulation:

Infill- Aqueous Test: After infill material is prepared in accordance with EPA Method 1312 Synthetic Precipitation Leaching Procedure, a total analysis shall be performed to determine heavy metal content in accordance with either EPA Method 6010 or EPA Method 6020. Semi-volatile organic content shall be determined under Method 8270D and shall include data for aniline, phenol and benzothiazole.

Requirements:

Heavy metal content shall not exceed NYS DEC Groundwater Standards.

This specification applies to materials (man-made or natural) that are intended for use as infill materials for synthetic turf sports surfaces.

Results:

All results were found to be below the limit criteria referenced above.

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Results Table:

Analyte	Analytical Method	Suggested Concentration Limit	Sample Result	PASS / FAIL
Chromium	SW 1312/6010	< .05 ppm	< 0.01 ppm	PASS
Lead	SW 1312/6010	< .025 ppm	< 0.025 ppm	PASS
Zinc	SW 1312/6010	< 2.0 ppm	< 0.25 ppm	PASS
Aniline	SW 1312/8270D	N/A	< 12 ug/L	N/A
Phenol	SW 1312/8270D	N/A	< 12 ug/L	N/A
Benzothiozole	Tentatively Identified Compound	N/A	* 0	N/A

*Benzothiozole not detected as a tentatively identified compound.

End of Report

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