



LABORATORY TESTING HEAVY METALS ANALYSIS



Project Information

Project Name	TTII TRU-PLAY 57 COLORED EPDM INFILL Infill Heavy Metals Analysis		Job no.	91365/1459
Client Information	Target Technologies International Inc. 8535 Eastlake Drive Burnaby, BC V5A 4T7			
Date of Report	August 29, 2016	Sample Arrival	8/18/2016	
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:

Heavy metals analysis required by the OEHS per California Title 22 metals, test CAM 17. The analytical method for each metal can be found in the results table below.

Requirements:

The target detection limits for each metal can be found in the results table below. The suggested concentration limits shown are based on screening levels per California OEHHA Soil-Screening Numbers (mg/kg) for Non-volatile Chemicals Based on Total Exposure to Contaminated Soil: Inhalation, Ingestion and Dermal Absorption. Residential Scenario. The material tested was a tan colored EPDM.

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 (mg/kg)	Sample Result (mg/kg)	PASS / FAIL
Antimony	EPA 6010C	30	< 5	PASS
Arsenic	EPA 6010C	3.4	< 3.4	PASS
Barium	EPA 6010C	5200	< 10	PASS
Beryllium	EPA 6010C	16	< 5	PASS
Cadmium	EPA 6010C	1.7	< 1	PASS
Chromium	EPA 6010C	17	< 5	PASS
Cobalt	EPA 6010C	660	< 5	PASS
Copper	EPA 6010C	3000	< 5	PASS
Lead	EPA 6010C	80	< 5	PASS
Mercury	EPA 7470B	18	< 5	PASS
Molybdenum	EPA 6010C	380	< 5	PASS
Nickel	EPA 6010C	1600	< 5	PASS
Selenium	EPA 6020C	380	< 10	PASS
Silver	EPA 6010C	380	< 5	PASS
Thallium	EPA 6010C	5	< 2.5	PASS
Vanadium	EPA 6010C	530	< 5	PASS
Zinc	EPA 6010C	23000	< 5	PASS

*The suggested concentration limits shown are based on screening levels per California OEHHA Soil-Screening Numbers (mg/kg) for Non-volatile Chemicals Based on Total Exposure to Contaminated Soil: Inhalation, Ingestion and Dermal Absorption. Residential Scenario. These limit have been included for reference and are not project specific.

End of Report

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