



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	October 25, 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.
2. This report is confidential to the Client and Sports Labs USA accepts no responsibility whatsoever to third parties to whom this report, or any part thereof, is made known. Any such party relies upon the report at their own risk.
3. This report shall not be used for engineering or contractual purposes unless signed by the Author and the Checker and unless the report status is "Final."

Standard / Regulation:

Heavy metals analysis required by the OEHS for CAM 17 metals. Analysis was performed using inductively coupled plasma mass spectrometry (ICP-MS).

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 Human Health Risk Based Levels – HHSL 2015. The material tested was a tan colored EPDM.

Results:

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

INFORMATION, ADVICE & KNOW-HOW: FROM THE SYNTHETIC SPORTS SURFACE EXPERTS



SPORTS LABS USA

Unit #2 • 155 River Road • Bow • New Hampshire • 03304
Telephone: (603) 715 5453 • E-Mail: Info@sportslabsusa.com

Page 1 of 2



LABORATORY TESTING HEAVY METALS ANALYSIS



Results Table:

Analyte	Analytical Method	*HHSL Concentration Limit (mg/kg)	MDL (mg/kg)	Sample Result	PASS / FAIL
Antimony	EPA 6020	≤ 31	5	ND	PASS
Arsenic	EPA 6020	≤ 12	3.4	ND	PASS
Barium	EPA 6020	≤ 15,000	10	ND	PASS
Beryllium	EPA 6020	≤ 3	3	ND	PASS
Cadmium	EPA 6020	≤ 4.5	1	ND	PASS
Chromium	EPA 6020	≤ 36,000	5	ND	PASS
Cobalt	EPA 6020	≤ 23	5	ND	PASS
Copper	EPA 6020	≤ 3,100	5	ND	PASS
Lead	EPA 6020	≤ 40	5	ND	PASS
Mercury	EPA 6020	≤ 23	5	ND	PASS
Molybdenum	EPA 6020	≤ 390	5	ND	PASS
Nickel	EPA 6020	≤ 490	5	ND	PASS
Selenium	EPA 6020	≤ 390	10	ND	PASS
Silver	EPA 6020	≤ 390	5	ND	PASS
Thallium	EPA 6020	≤ .78	.78	ND	PASS
Vanadium	EPA 6020	≤ 390	5	ND	PASS
Zinc	EPA 6020	≤ 23,000	5	ND	PASS

Mg/kg= milligram per kilogram

MDL = method detection limit is the lowest concentration limit that can be detected for each element

ND = not detected (<MDL)

HHSL= Human Health Risk Based Levels –2015.

End of Report

INFORMATION, ADVICE & KNOW-HOW: FROM THE SYNTHETIC SPORTS SURFACE EXPERTS



SPORTS LABS USA

Unit #2 • 155 River Road • Bow • New Hampshire • 03304
Telephone: (603) 715 5453 • E-Mail: Info@sportslabsusa.com

Page 2 of 2

