

LABORATORY TESTING HEAVY METALS ANALYSIS



Project Information

Project Name	TTII 20-40 Sportsfield Sand (NJ) ASTM F963 Heavy Metals Analysis		
Client Information	Target Technologies International Inc 8535 Eastlake Drive Burnaby BC V5A4T7		
Report Date	9/6/2023	Sample Receipt Date(s)	8/29/2023
Job no.	98862/9052	Test Date(s)	8/30/2023 – 9/2/2023
Report Status	Final		
Prepared by	Megan Illsley Laboratory Director		
Checked by	Jeffrey Gentile Operations Director		

Notes:

1. This report has been prepared by Firefly Sports Testing 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 Firefly Sports Testing 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 analysis was subcontracted to ChemServe Environmental Analysts, CPSC Third Party Accredited Laboratory #1160.
4. 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."

Summary

Firefly Sports Testing was commissioned to perform infill sample analysis. Samples were sent to our laboratory and tested per the method(s) listed below.

Test Type	Test Method	Test Description
Hazardous Metals	ASTM F963-16	Standard Consumer Safety Specification for Toy Safety

Table of Contents

Summary	1
Results	2
End of Report.....	2



LABORATORY TESTING HEAVY METALS ANALYSIS



Results

TTII 20-40 Sportsfield Sand (NJ)				
Parameter	Analytical Method	Suggested Concentration Limit (mg/kg)	Sample Result (mg/kg)	PASS / FAIL
Antimony	ASTM F963-17 / SW846-6010C	60	< 0.5	PASS
Arsenic	ASTM F963-17 / SW846-6010C	25	< 0.5	PASS
Barium	ASTM F963-17 / SW846-6010C	1000	< 0.5	PASS
Cadmium	ASTM F963-17 / SW846-6010C	75	< 0.5	PASS
Chromium	ASTM F963-17 / SW846-6010C	60	< 0.5	PASS
Lead	ASTM F963-17 / SW846-6010C	90	< 0.5	PASS
Mercury	ASTM F963-17 / SW 7471A	60	< 1.2	PASS
Selenium	ASTM F963-17 / SW846-6010C	500	< 2.5	PASS

End of Report

