

# LABORATORY TESTING HEAVY METALS ANALYSIS



## Project Information

<b>Project Name</b>	TTII PRO-MAX 37 TPE CAM 17 Heavy Metals Analysis		
<b>Client Information</b>	Target Technologies International Inc 8535 Eastlake Drive Burnaby BC V5A4T7		
<b>Report Date</b>	8/14/2023	<b>Sample Received</b>	7/28/2023
<b>Job no.</b>	98743/8926	<b>Test Date(s)</b>	8/3/2023 – 8/9/2023
<b>Report Status</b>	Final		
<b>Prepared by</b>	Megan Illsley Laboratory Director		
<b>Checked by</b>	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."

### 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.

### Requirements:

The target detection limits for each metal can be found in the results table. 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.

### 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	SW 6020 Mod-CA Prop 65	30	< 2.0	PASS
Arsenic	SW 6020 Mod-CA Prop 65	3.4	< 2.0	PASS
Barium	SW 6020 Mod-CA Prop 65	5200	< 2.0	PASS
Beryllium	SW 6020 Mod-CA Prop 65	16	< 2.0	PASS
Cadmium	SW 6020 Mod-CA Prop 65	7.1	< 2.0	PASS
Chromium	SW 6020 Mod-CA Prop 65	17	< 2.0	PASS
Cobalt	SW 6020 Mod-CA Prop 65	660	< 2.0	PASS
Copper	SW 6020 Mod-CA Prop 65	3000	< 2.0	PASS
Lead	SW 6020 Mod-CA Prop 65	80	< 2.0	PASS
Mercury	SW 7471A-CA Prop 65	18	< 0.02	PASS
Molybdenum	SW 6020 Mod-CA Prop 65	380	< 2.0	PASS
Nickel	SW 6020 Mod-CA Prop 65	1600	< 2.0	PASS
Selenium	SW 6020 Mod-CA Prop 65	380	< 4.0	PASS
Silver	SW 6020 Mod-CA Prop 65	380	< 2.0	PASS
Thallium	SW 6020 Mod-CA Prop 65	5	< 2.0	PASS
Vanadium	SW 6020 Mod-CA Prop 65	530	< 2.0	PASS
Zinc	SW 6020 Mod-CA Prop 65	23000	< 1.00	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 limits have been included for reference and are not project specific.

End of Report

