

# Laboratory Test Report

## TTII NATURE'S INFILL T3

<b>Job No.</b>	100299/10475
<b>Client Information</b>	Target Technologies International Inc 8535 Eastlake Drive Burnaby, BC V5A4T7 Canada
<b>Outsource Laboratory Information</b>	Eurofins MTS Consumer Product Testing US, Inc. 349 Lenox Street, Norwood, MA 02062
<b>Test Method</b>	EPA Method 6010 - CAM 17 Metals EN 71-3-Migration of Certain Elements
<b>Sample Arrival Date</b>	1/6/2025
<b>Test Date(s)</b>	2/7/2025-2/25/2025
<b>Report Date</b>	2/26/2025
<b>Report Status</b>	Final

**Prepared by** Adam Kalil  
Laboratory Manager



**Checked by** Megan Illsley  
Laboratory 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 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."



TEST REPORT

**LAB LOCATION: Norwood, MA USA**  
**DATE IN: February 07, 2025**

**REPORT NUMBER: 67425-020020-R**  
**DATE OUT: February 25, 2025**  
**REVISION DATE: February 26, 2025**

<b>To:</b>	Firefly Sports Testing		
<b>Contact:</b>	Megan Illsley		
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<b>Copy To:</b>	/		

<u>OVERALL RATING</u>	
SATISFACTORY	X
UNSATISFACTORY	
Subject to Client's Approval	
NOTE: RATING IS BASED ON TESTING LAB RESULTS. FINAL ACCEPTANCE OR REJECTION IS PER CLIENT ONLY.	

Sample Information			
<b>Product Description:</b>	100299-TTII NATURE'S INFILL T3		
<b>Item/ Style Number:</b>	202501123-1		
<b>Purchase Order Number:</b>	200011106	<b>No. of Sample Submitted:</b>	1
<b>Lot/Batch/Tracking Info:</b>	-	<b>Date of Manufacture:</b>	-
<b>Country of Origin:</b>	-	<b>Country of Destination:</b>	-
<b>Vendor/ Agent:</b>	-	<b>Manufacturer:</b>	-

Testing Status			
<input type="checkbox"/> Pre-production	<input checked="" type="checkbox"/> Production	<input type="checkbox"/> Retest	<input type="checkbox"/> Previous Report No.:
Other/ Comments: A revision was made on February 26, 2025, to include results for Migration of Certain Elements – EN 71-3 (Category III) testing.			

For and on behalf of  
**Eurofins MTS Consumer Product Testing US, LLC**  
 (Norwood, MA)

*John R. Gerringer*

**John Gerringer, Analytical Director**

Eurofins MTS' smart screening approach is a restricted substance pre-screening method that effectively ensures compliance for any countries that do not require mandatory certification test reports based on a specified test method. Any positive detection results from the screening test will trigger individual tests to be performed according to the preferred test method of the country that restricts the detected substance. For any countries that require mandatory certification test reports based on a specified test method, individual tests will be performed according to the specified test methods to ensure compliance.

**Sample Photo:**



**Testing Result Summary**

Test Property	SAT	UNSAT	Subject to Client's Approval	COMMENTS
	<b>PASS</b>	<b>FAIL</b>		
<b>CAM 17 Metals</b>	<b>X</b>			<b>See Test Results Below</b>
<b>Migration of Certain Elements – EN 71-3</b>	<b>X</b>			<b>See Test Results Below</b>

**COMPONENT BREAKDOWN LIST:**

Test Item(s)	Component Description
<b>A</b>	<b>100299-TTII NATURE'S INFILL T3</b>
A1	Multicolor Granules (Infill)

**TEST RESULTS:**
**CAM 17 Metals**

Chemical	CAS	Method	Result (mg/kg)	Limit (mg/kg)	Conclusion
			A1		
Antimony	7440-36-0	EPA 6010	<2	2	PASS
Arsenic	7440-38-2	EPA 6010	<2.5	2.5	PASS
Barium	7440-39-3	EPA 6010	<0.2	0.2	PASS
Beryllium	7440-41-7	EPA 6010	<0.2	0.2	PASS
Cadmium	7440-43-9	EPA 6010	<0.2	0.2	PASS
Chromium	7440-47-3	EPA 6010	<0.6	0.6	PASS
Cobalt	7440-48-4	EPA 6010	<0.6	0.6	PASS
Copper	7440-50-8	EPA 6010	<1	1	PASS
Lead	7439-92-1	EPA 6010	<0.75	0.75	PASS
Mercury	7439-97-6	EPA 7471B	<0.02	0.02	PASS
Molybdenum	7439-98-7	EPA 6010	<0.8	0.8	PASS
Nickel	7440-02-0	EPA 6010	<1	1	PASS
Selenium	7782-49-2	EPA 6010	<4	4	PASS
Silver	7440-49-2	EPA 6010	<0.5	0.5	PASS
Thallium	7440-28-0	EPA 6010	<1.5	1.5	PASS
Vanadium	7440-62-2	EPA 6010	<0.5	0.5	PASS
Zinc	7440-66-6	EPA 6010	<1	1	PASS

Method: Analyzed by Inductively Coupled Argon Plasma Spectrometer / Inductively Coupled Plasma Mass Spectrometer.

Note: ppm = part per million = mg/kg (milligram per kilogram)  
 "<" = less than

**Migration of Certain Elements – EN 71-3:2019 +A1:2021**

**Category III: Scraped-off materials**

Extractable Elements	Results	Migration Limit (mg/kg)
<b>Test Item</b>	A1	-
<b>Mass of Trace Amount (mg)</b>	NA	-
Aluminum (Al)	<10	28130
Antimony (Sb)	<10	560
Arsenic (As)	<10	47
Barium (Ba)	<10	18750
Boron (B)	<100	15000
Cadmium (Cd)	<5	17
Chromium (III) (Cr III)	<10	460
Chromium (VI) (Cr VI)	<0.15	0.053
Cobalt (Co)	<10	130
Copper (Cu)	<10	7700
Lead (Pb)	<10	23
Manganese (Mn)	<10	15000
Mercury (Hg)	<10	94
Nickel (Ni)	<10	930
Selenium (Se)	<10	460
Strontium (Sr)	<10	56000
Tin (Sn)	<0.8	180000
Organic Tin	<3	12
Zinc (Zn)	<10	46000
<b>Conclusion</b>	<b>PASS</b>	-

Method: EN 71-3:2013:2019. The heavy metals content was determined by Inductively Coupled Plasma Mass Spectrophotometer (ICP-MS).

For samples of migrated chromium content lower than migration limit of Chromium (VI), no speciation test for Chromium (III) and chromium (VI) were conducted. The results were derived from that of total chromium.

For samples of migrated tin content calculated as tributyl tin lower than migration limit of organic tin, no organic tin test was conducted. The results were derived from that of Tin.

Remark: 1. The material categories of tested item(s) are classified as below per clause 4.1 of this standard.

<b>Category III: Scraped-off materials</b>
Coatings of paints, varnishes, lacquers, printing inks, polymers, foams and similar coatings
Polymeric and similar materials, including laminates, whether textile reinforced or not, but excluding other textiles
Paper and paper board
Textiles, whether natural or synthetic
Glass, ceramic, metallic materials
Other materials whether mass coloured or not (e.g. wood, fibre board, hard board, bone and leather)

- Result(s) of organic tin reported was / were the sum of Methyltin (MeT), Butyltin (BuT), Dibutyltin (DBT), Tributyltin (TBT), Tetrabutyltin (TeBT), Mono-octyltin (MOT), Di-n-octyltin (DOT), Di-n-propyltin (DProT), Diphenyltin (DPHT) and Triphenyltin (TPhT) expressed as TBT.
- The accessibility of the submitted sample is verified according to EN71-1 before and after abuse.

Note: mg/kg = milligram per kilogram  
mg = milligram  
“<” = less than  
NA = Not applicable

**\*\*End of Test Report\*\***

**NOTE:**

If there is question or concern regarding the above results, please contact the lab person below:

**Technical question & concern:**  
John Gerringer  
Director - Analytical  
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