

TEST REPORT

Report No.: DPHTL2511263066E

Date: Dec 17,2025

Page 1 of 16

Applicant : CARPENTERS MANUFACTORY LIMITED
Address: HUANG JIN JI INDUSTRIAL ZONE, SHANG JIE VILLAGE, QI SHI TOWN, DONG GUAN CITY, GUANG DONG PROVINCE, P.R.CHINA

The following sample(s) and sample information was/were submitted and identified by client as:

Sample Name: Corner Climbing Unit
Model: ME29768
Receiving Date: Nov 26,2025;Dec 12,2025
Test Period: From Nov 26,2025 to Dec 17,2025
Add Information: -

Test Summary:

#	Test Item(s)	Conclusion
1	EN 71-3:2019+A2:2024 Safety of Toys: Migration of Certain Elements	PASS
2	Item 23 of Annex XVII of REACH Regulation (EC) 1907/2006 Cadmium content	PASS
3	ASTM F963-23 - Lead Content (Pb)	PASS
4	ASTM F963-23 - Soluble Migrated Elements	PASS
5	ASTM F963-23 - Phthalates (DIBP, DBP, DPENP, DHEXP, BBP, DEHP, DCHP, DINP)	PASS
6	16 CFR 1307 Phthalates	PASS
7	CPSIA H.R. 4040 Sec. 101 Total Lead(Pb) Content	PASS
8	CPSIA H.R. 4040 Sec. 108 Phthalates	PASS

*****Please refer to the following page for detailed results*****

Authorized Signator

Mark Mai
(Technical Director)



TEST REPORT

Report No.: DPHTL2511263066E

Date: Dec 17,2025

Page 2 of 16

#	Test Item(s)	Conclusion
9	SOR/2011-17 Lead Content and Mercury Content Canada Consumer Product Safety Act (SOR/2022-122 Revised)	PASS
10	SOR/2011-17 Soluble Migrated Elements Canada Consumer Product Safety Act (SOR/2022-122 Revised)	PASS
11	SOR/2016-188 Phthalates (DBP, BBP, DEHP, DNOP, DINP, DIDP)	PASS
12	AS/NZS ISO 8124.3:2021+A1:2023 Australian/New Zealand Standard on Safety of Toys Soluble elements Content	PASS
13	As Client's Requirement Phthalates content	PASS

Result:

1. **Safety of Toys: Migration of Certain Elements**
 EN 71-3:2019+A2:2024
 General elements determined by ICP-MS
 Chromium(VI) determined by LC-ICP-MS
 Organic tin determined by GC-MS

Test Item(s)	Results					Limit (mg/kg)	MDL (mg/kg)
	Category III ¹						
	1	2	3	4	5		
1 Aluminum (Al)	N.D.	N.D.	N.D.	N.D.	N.D.	28130	50
2 Antimony (Sb)	N.D.	N.D.	N.D.	N.D.	N.D.	560	5
3 Arsenic(As)	N.D.	N.D.	N.D.	N.D.	N.D.	47	0.1
4 Barium(Ba)	10	N.D.	N.D.	N.D.	19	18750	10
5 Boron (B)	N.D.	N.D.	N.D.	N.D.	N.D.	15000	10
6 Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	N.D.	17	0.1
7 Chromium (III) (Cr)	N.D.	N.D.	N.D.	N.D.	N.D.	460	3
8 Chromium (VI) (Cr)	N.D.	N.D.	N.D.	N.D.	N.D.	0.053	0.005
9 Cobalt (Co)	N.D.	N.D.	N.D.	N.D.	N.D.	130	5
10 Copper (Cu)	N.D.	N.D.	N.D.	N.D.	N.D.	7700	10
11 Lead(Pb)	N.D.	N.D.	N.D.	N.D.	N.D.	23	1
12 Manganese (Mn)	N.D.	N.D.	N.D.	N.D.	N.D.	15000	10

TEST REPORT

Report No.: DPHTL2511263066E

Date: Dec 17,2025

Page 3 of 16

13	Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	N.D.	94	1
14	Nickel (Ni)	N.D.	N.D.	N.D.	N.D.	N.D.	930	10
15	Selenium(Se)	N.D.	N.D.	N.D.	N.D.	N.D.	460	10
16	Strontium (Sr)	N.D.	N.D.	N.D.	N.D.	N.D.	56000	50
17	Tin (Sn)	N.D.	N.D.	N.D.	N.D.	N.D.	180000	2.0
18	Organic tin (Sn) ²	N.D.	N.D.	N.D.	N.D.	N.D.	12	0.05
19	Zinc (Zn)	N.D.	N.D.	N.D.	N.D.	N.D.	46000	50
-	Conclusion	PASS	PASS	PASS	PASS	PASS	-	-

Test Item(s)	Results					Limit (mg/kg)	MDL (mg/kg)	
	Category III ¹							
	6	7	8	9	10			
1	Aluminum (Al)	N.D.	N.D.	N.D.	N.D.	N.D.	28130	50
2	Antimony (Sb)	N.D.	N.D.	N.D.	N.D.	N.D.	560	5
3	Arsenic(As)	N.D.	N.D.	N.D.	N.D.	N.D.	47	0.1
4	Barium(Ba)	N.D.	N.D.	N.D.	28	N.D.	18750	10
5	Boron (B)	N.D.	N.D.	N.D.	N.D.	N.D.	15000	10
6	Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	N.D.	17	0.1
7	Chromium (III) (Cr)	N.D.	N.D.	N.D.	N.D.	N.D.	460	3
8	Chromium (VI) (Cr)	N.D.	N.D.	N.D.	N.D.	N.D.	0.053	0.005
9	Cobalt (Co)	N.D.	N.D.	N.D.	N.D.	N.D.	130	5
10	Copper (Cu)	N.D.	N.D.	N.D.	N.D.	N.D.	7700	10
11	Lead(Pb)	N.D.	N.D.	N.D.	N.D.	N.D.	23	1
12	Manganese (Mn)	N.D.	N.D.	N.D.	N.D.	N.D.	15000	10
13	Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	N.D.	94	1
14	Nickel (Ni)	N.D.	N.D.	N.D.	N.D.	N.D.	930	10

TEST REPORT

Report No.: DPHTL2511263066E

Date: Dec 17,2025

Page 4 of 16

15	Selenium(Se)	N.D.	N.D.	N.D.	N.D.	N.D.	460	10
16	Strontium (Sr)	N.D.	N.D.	N.D.	N.D.	N.D.	56000	50
17	Tin (Sn)	N.D.	N.D.	N.D.	N.D.	N.D.	180000	2.0
18	Organic tin (Sn) ^{*2}	N.D.	N.D.	N.D.	N.D.	N.D.	12	0.05
19	Zinc (Zn)	N.D.	N.D.	N.D.	N.D.	N.D.	46000	50
-	Conclusion	PASS	PASS	PASS	PASS	PASS	-	-

Remark(s): (a) mg/kg: milligram per kilogram = part per million = ppm
(b) MDL: Method detected limit
(c) N.D.: Not detected (result is less than MDL)

*1: Categories of various materials:
Category I: Dry, brittle, powder like or pliable material
Category II: Liquid or sticky material
Category III: Scraped-off material
*2: Measured by soluble Tributyltin.

2. Item 23 of Annex XVII of REACH Regulation (EC) 1907/2006 - Cadmium content IEC 62321-5:2013, determined by AAS

Test Item(s)		Result					Limit (mg/kg)	MDL (mg/kg)
		1	2	3	4	5		
1	Cadmium (Cd) CAS#7440-43-9	N.D.	N.D.	N.D.	N.D.	N.D.	100	10
	Conclusion	PASS	PASS	PASS	PASS	PASS	-	-

Test Item(s)		Result					Limit (mg/kg)	MDL (mg/kg)
		6	7	8	9	10		
1	Cadmium (Cd) CAS#7440-43-9	N.D.	N.D.	N.D.	N.D.	N.D.	100	10
	Conclusion	PASS	PASS	PASS	PASS	PASS	-	-

Remark(s): (a) mg/kg: milligram per kilogram
(b) N.D.: Not detected (result is less than MDL)
(c) MDL: Method detected limit

TEST REPORT

Report No.: DPHTL2511263066E

Date: Dec 17,2025

Page 5 of 16

3. ASTM F963-23 - Lead Content (Pb)
CPSC-CH-E1002-08.3 (Non-metal Substrate),determined by AAS

Test Item(s)		Results					Limit (mg/kg)	MDL (mg/kg)
		1	2	3	4	5		
1	Lead (Pb)	N.D.	N.D.	N.D.	N.D.	N.D.	100	10
-	Conclusion	PASS	PASS	PASS	PASS	PASS	-	-

Test Item(s)		Results					Limit (mg/kg)	MDL (mg/kg)
		6	7	8	9	10		
1	Lead (Pb)	N.D.	N.D.	N.D.	N.D.	N.D.	100	10
-	Conclusion	PASS	PASS	PASS	PASS	PASS	-	-

Remark(s): (a) mg/kg: milligram per kilogram
(b) N.D.: Not detected (result is less than MDL)
(c) MDL: Method detected limit

4. ASTM F963-23 - Soluble Migrated Elements
ASTM F963-23, determined by ICP-OES

Test Item(s)		Results					Limit (mg/kg)	MDL (mg/kg)
		1	2	3	4	5		
1	Antimony (Sb)	N.D.	N.D.	N.D.	N.D.	N.D.	60	5
2	Arsenic (As)	N.D.	N.D.	N.D.	N.D.	N.D.	25	2
3	Barium (Ba)	7	N.D.	6	5	13	1000	5
4	Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	N.D.	75	5
5	Chromium (Cr)	N.D.	N.D.	N.D.	N.D.	N.D.	60	5
6	Lead (Pb)	N.D.	N.D.	N.D.	N.D.	N.D.	90	5
7	Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	N.D.	60	5
8	Selenium (Se)	N.D.	N.D.	N.D.	N.D.	N.D.	500	5
-	Conclusion	PASS	PASS	PASS	PASS	PASS	-	-

TEST REPORT

Report No.: DPHTL2511263066E

Date: Dec 17,2025

Page 6 of 16

Test Item(s)		Results					Limit (mg/kg)	MDL (mg/kg)
		6	7	8	9	10		
1	Antimony (Sb)	N.D.	N.D.	N.D.	N.D.	N.D.	60	5
2	Arsenic (As)	N.D.	N.D.	N.D.	N.D.	N.D.	25	2
3	Barium (Ba)	N.D.	N.D.	N.D.	20	6	1000	5
4	Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	N.D.	75	5
5	Chromium (Cr)	N.D.	N.D.	N.D.	N.D.	N.D.	60	5
6	Lead (Pb)	N.D.	N.D.	N.D.	N.D.	N.D.	90	5
7	Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	N.D.	60	5
8	Selenium (Se)	N.D.	N.D.	N.D.	N.D.	N.D.	500	5
-	Conclusion	PASS	PASS	PASS	PASS	PASS	-	-

Remark(s): (a) mg/kg: milligram per kilogram
 (b) N.D.: Not detected (result is less than MDL)
 (c) MDL: Method detected limit

5. ASTM F963-23 - Phthalates(DIBP, DBP, DPENP, DHEXP, BBP, DEHP, DCHP, DINP) CPSC-CH-C1001-09.4, Solvent extract and determined by GC-MS

Test Item(s)			Results					Limit (%)	MDL (%)
			1	2	3	4	5		
1	DIBP	Diisobutyl phthalate CAS# 84-69-5	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005
2	DBP	Dibutylphthalate CAS# 84-74-2	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005
3	DPENP	Di-n-pentyl phthalate CAS# 131-18-0	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005
4	DHEXP	Di-n-hexyl phthalate CAS# 84-75-3	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005
5	BBP	Benzylbutylphthalate CAS# 85-68-7	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005
6	DEHP	Diethylhexylphthalate CAS# 117-81-7	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005
7	DCHP	Dicycphexyl Phthalate CAS# 84-61-7	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005
8	DINP	Diisononylphthalate CAS# 28553-12-0 /68515-48-0	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.010
-	Conclusion		PASS	PASS	PASS	PASS	PASS	-	-

TEST REPORT

Report No.: DPHTL2511263066E

Date: Dec 17,2025

Page 7 of 16

Test Item(s)			Results					Limit (%)	MDL (%)
			6	7	8	9	10		
1	DIBP	Diisobutyl phthalate CAS# 84-69-5	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005
2	DBP	Dibutylphthalate CAS# 84-74-2	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005
3	DPENP	Di-n-pentyl phthalate CAS# 131-18-0	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005
4	DHEXP	Di-n-hexyl phthalate CAS# 84-75-3	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005
5	BBP	Benzylbutylphthalate CAS# 85-68-7	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005
6	DEHP	Diethylhexylphthalate CAS# 117-81-7	N.D.	N.D.	N.D.	0.011	N.D.	0.1	0.005
7	DCHP	Dicycphexyl Phthalate CAS# 84-61-7	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005
8	DINP	Diisononylphthalate CAS# 28553-12-0 /68515-48-0	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.010
-	Conclusion		PASS	PASS	PASS	PASS	PASS	-	-

Remark(s): (a) N.D.: Not detected (result is less than MDL)
 (b) MDL: Method detected limit
 (c) Materials #9 is the test results of the resubmitted sample.

6. 16 CFR 1307 Phthalates – (DIBP, DBP, DPENP, DHEXP, BBP, DEHP, DCHP, DINP) CPSC-CH-C1001-09.4, Solvent extract and determined by GC-MS

Test Item(s)			Results					Limit (%)	MDL (%)
			1	2	3	4	5		
1	DIBP	Diisobutyl phthalate CAS# 84-69-5	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005
2	DBP	Dibutylphthalate CAS# 84-74-2	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005
3	DPENP	Di-n-pentyl phthalate CAS# 131-18-0	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005
4	DHEXP	Di-n-hexyl phthalate CAS# 84-75-3	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005
5	BBP	Benzylbutylphthalate CAS# 85-68-7	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005
6	DEHP	Diethylhexylphthalate CAS# 117-81-7	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005
7	DCHP	Dicycphexyl Phthalate CAS# 84-61-7	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005
8	DINP	Diisononylphthalate CAS# 28553-12-0 /68515-48-0	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.010
-	Conclusion		PASS	PASS	PASS	PASS	PASS	-	-

TEST REPORT

Report No.: DPHTL2511263066E

Date: Dec 17,2025

Page 8 of 16

Test Item(s)			Results					Limit (%)	MDL (%)
			6	7	8	9	10		
1	DIBP	Diisobutyl phthalate CAS# 84-69-5	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005
2	DBP	Dibutylphthalate CAS# 84-74-2	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005
3	DPENP	Di-n-pentyl phthalate CAS# 131-18-0	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005
4	DHEXP	Di-n-hexyl phthalate CAS# 84-75-3	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005
5	BBP	Benzylbutylphthalate CAS# 85-68-7	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005
6	DEHP	Diethylhexylphthalate CAS# 117-81-7	N.D.	N.D.	N.D.	0.011	N.D.	0.1	0.005
7	DCHP	Dicycphexyl Phthalate CAS# 84-61-7	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005
8	DINP	Diisononylphthalate CAS# 28553-12-0 /68515-48-0	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.010
-	Conclusion		PASS	PASS	PASS	PASS	PASS	-	-

Remark(s): (a) N.D.: Not detected (result is less than MDL)
(b) MDL: Method detected limit
(c) Materials #9 is the test results of the resubmitted sample.

7. CPSIA H.R. 4040 Sec. 101 Total Lead Content (Pb) CPSC-CH-E1002-08.3 (Non-metal Substrate),determined by AAS

Test Item(s)		Results					Limit (mg/kg)	MDL (mg/kg)	
		1	2	3	4	5			
1	Lead (Pb)	N.D.	N.D.	N.D.	N.D.	N.D.	100	10	
-	Conclusion		PASS	PASS	PASS	PASS	PASS	-	-

Test Item(s)		Results					Limit (mg/kg)	MDL (mg/kg)	
		6	7	8	9	10			
1	Lead (Pb)	N.D.	N.D.	N.D.	N.D.	N.D.	100	10	
-	Conclusion		PASS	PASS	PASS	PASS	PASS	-	-

Remark(s): (a) mg/kg: milligram per kilogram
(b) N.D.: Not detected (result is less than MDL)
(c) MDL: Method detected limit

TEST REPORT

Report No.: DPHTL2511263066E

Date: Dec 17,2025

Page 9 of 16

**8. CPSIA H.R. 4040 Sec. 108 Phthalates (DIBP, DBP, DPENP, DHEXP, BBP, DEHP, DCHP, DINP)
 CPSC-CH-C1001-09.4, Solvent extract and determined by GC-MS**

Test Item(s)			Results					Limit (%)	MDL (%)
			1	2	3	4	5		
1	DIBP	Diisobutyl phthalate CAS# 84-69-5	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005
2	DBP	Dibutylphthalate CAS# 84-74-2	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005
3	DPENP	Di-n-pentyl phthalate CAS# 131-18-0	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005
4	DHEXP	Di-n-hexyl phthalate CAS# 84-75-3	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005
5	BBP	Benzylbutylphthalate CAS# 85-68-7	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005
6	DEHP	Diethylhexylphthalate CAS# 117-81-7	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005
7	DCHP	Dicycphexyl Phthalate CAS# 84-61-7	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005
8	DINP	Diisononylphthalate CAS# 28553-12-0 /68515-48-0	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.010
-	Conclusion		PASS	PASS	PASS	PASS	PASS	-	-

Test Item(s)			Results					Limit (%)	MDL (%)
			6	7	8	9	10		
1	DIBP	Diisobutyl phthalate CAS# 84-69-5	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005
2	DBP	Dibutylphthalate CAS# 84-74-2	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005
3	DPENP	Di-n-pentyl phthalate CAS# 131-18-0	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005
4	DHEXP	Di-n-hexyl phthalate CAS# 84-75-3	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005
5	BBP	Benzylbutylphthalate CAS# 85-68-7	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005
6	DEHP	Diethylhexylphthalate CAS# 117-81-7	N.D.	N.D.	N.D.	0.011	N.D.	0.1	0.005
7	DCHP	Dicycphexyl Phthalate CAS# 84-61-7	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005
8	DINP	Diisononylphthalate CAS# 28553-12-0 /68515-48-0	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.010
-	Conclusion		PASS	PASS	PASS	PASS	PASS	-	-

 Remark(s): (a) N.D.: Not detected (result is less than MDL)
 (b) MDL: Method detected limit
 (c) Materials #9 is the test results of the resubmitted sample.

TEST REPORT

Report No.: DPHTL2511263066E

Date: Dec 17,2025

Page 10 of 16

9. SOR/2011-17 Lead Content and Mercury Content Canada Consumer Product Safety Act (SOR/2022-122 Revised)

Canada Product Safety Laboratory Book 5 - Laboratory Policies and Procedures Part B, Test Methods Section, Method C-02.3.2:2021 & IEC 62321-4:2013+A1:2017

Test Item(s)		Result					Limit (mg/kg)	MDL (mg/kg)
		1	2	3	4	5		
1	Lead (Pb)	N.D.	N.D.	N.D.	N.D.	N.D.	90	10
2	Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	N.D.	Not Detected	5
-	Conclusion	PASS	PASS	PASS	PASS	PASS	-	-

Test Item(s)		Result					Limit (mg/kg)	MDL (mg/kg)
		6	7	8	9	10		
1	Lead (Pb)	N.D.	N.D.	N.D.	N.D.	N.D.	90	10
2	Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	N.D.	Not Detected	5
-	Conclusion	PASS	PASS	PASS	PASS	PASS	-	-

Remark(s): (a) mg/kg: milligram per kilogram = part per million = ppm
 (b) MDL: Method detected limit
 (c) N.D.: Not detected (result is less than MDL)
 (d) This item is not included in CNAS Accreditation scope.

10. SOR/2011-17 Soluble Migrated Elements Canada Consumer Product Safety Act (SOR/2022-122 Revised)

Canada Product safety reference manual Book 5- Laboratory policies and procedures Part B: Test Methods Section, Method C-08.1: 2022, determined by ICP-OES

Test Item(s)		Result					Limit (mg/kg)	MDL (mg/kg)
		1	2	3	4	5		
1	Antimony (Sb)	N.D.	N.D.	N.D.	N.D.	N.D.	1000	5
2	Arsenic (As)	N.D.	N.D.	N.D.	N.D.	N.D.	1000	5
3	Barium (Ba)	7	N.D.	6	5	13	1000	5
4	Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	N.D.	1000	5
5	Selenium (Se)	N.D.	N.D.	N.D.	N.D.	N.D.	1000	5
-	Conclusion	PASS	PASS	PASS	PASS	PASS	-	-

TEST REPORT

Report No.: DPHTL2511263066E

Date: Dec 17,2025

Page 11 of 16

Test Item(s)		Result					Limit (mg/kg)	MDL (mg/kg)
		6	7	8	9	10		
1	Antimony (Sb)	N.D.	N.D.	N.D.	N.D.	N.D.	1000	5
2	Arsenic (As)	N.D.	N.D.	N.D.	N.D.	N.D.	1000	5
3	Barium (Ba)	N.D.	N.D.	N.D.	20	6	1000	5
4	Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	N.D.	1000	5
5	Selenium (Se)	N.D.	N.D.	N.D.	N.D.	N.D.	1000	5
-	Conclusion	PASS	PASS	PASS	PASS	PASS	-	-

Remark(s): (a) mg/kg: milligram per kilogram = part per million = ppm
 (b) MDL: Method detected limit
 (c) N.D.: Not detected (result is less than MDL)
 (d) This item is not included in CNAS Accreditation scope.

11. Phthalates – (DBP, BBP, DEHP, DNOP, DINP, DIDP)

Canada health – Product Safety Reference Manual, Book 5 - Laboratory Policies and Procedures Part B: Test Methods Section.
 Method C-34.3:2025, Solvent extract and determined by GC-MS

Test Item(s)			Result					Limit (%)	MDL (%)
			1	2	3	4	5		
1	DBP	Dibutylphthalate CAS# 84-74-2	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005
2	BBP	Benzylbutylphthalate CAS# 85-68-7	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005
3	DEHP	Diethylhexylphthalate CAS# 117-81-7	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005
4	DNOP	Di-n-octylphthalate CAS# 117-84-0	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005
5	DINP	Diisononylphthalate CAS# 28553-12-0/ 68515-48-0	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005
6	DIDP	Diisodecylphthalate CAS# 26761-40-0/ 68515-48-0	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005
-	Conclusion		PASS	PASS	PASS	PASS	PASS	-	-

Test Item(s)			Result					Limit (%)	MDL (%)
			6	7	8	9	10		
1	DBP	Dibutylphthalate CAS# 84-74-2	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005
2	BBP	Benzylbutylphthalate CAS# 85-68-7	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005
3	DEHP	Diethylhexylphthalate CAS# 117-81-7	N.D.	N.D.	N.D.	0.011	N.D.	0.1	0.005

TEST REPORT

Report No.: DPHTL2511263066E

Date: Dec 17,2025

Page 12 of 16

4	DNOP	Di-n-octylphthalate CAS# 117-84-0	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005
5	DINP	Diisononylphthalate CAS# 28553-12-0/ 68515-48-0	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005
6	DIDP	Diisodecylphthalate CAS# 26761-40-0/ 68515-48-0	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005
-	Conclusion		PASS	PASS	PASS	PASS	PASS	-	-

Remark(s): (a) MDL: Method detected limit
(b) N.D.: Not detected (result is less than MDL)
(c) This item is not included in CNAS Accreditation scope.
(d) Materials #9 is the test results of the resubmitted sample.

12. Australian/New Zealand Standard on Safety of Toys Soluble elements Content AS/NZS ISO 8124.3:2021+A1: 2023,determined by ICP-OES

Test Item(s)		Result					Limit (mg/kg)	MDL (mg/kg)	
		1	2	3	4	5			
1	Antimony (Sb)	N.D.	N.D.	N.D.	N.D.	N.D.	60	5	
2	Arsenic (As)	N.D.	N.D.	N.D.	N.D.	N.D.	25	2	
3	Barium (Ba)	7	N.D.	6	5	13	1000	5	
4	Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	N.D.	75	5	
5	Chromium (Cr)	N.D.	N.D.	N.D.	N.D.	N.D.	60	5	
6	Lead (Pb)	N.D.	N.D.	N.D.	N.D.	N.D.	90	5	
7	Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	N.D.	60	5	
8	Selenium (Se)	N.D.	N.D.	N.D.	N.D.	N.D.	500	5	
-	Conclusion		PASS	PASS	PASS	PASS	PASS	-	-

Test Item(s)		Result					Limit (mg/kg)	MDL (mg/kg)
		6	7	8	9	10		
1	Antimony (Sb)	N.D.	N.D.	N.D.	N.D.	N.D.	60	5
2	Arsenic (As)	N.D.	N.D.	N.D.	N.D.	N.D.	25	2
3	Barium (Ba)	N.D.	N.D.	N.D.	20	6	1000	5
4	Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	N.D.	75	5

TEST REPORT

Report No.: DPHTL2511263066E

Date: Dec 17,2025

Page 13 of 16

5	Chromium (Cr)	N.D.	N.D.	N.D.	N.D.	N.D.	60	5
6	Lead (Pb)	N.D.	N.D.	N.D.	N.D.	N.D.	90	5
7	Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	N.D.	60	5
8	Selenium (Se)	N.D.	N.D.	N.D.	N.D.	N.D.	500	5
-	Conclusion	PASS	PASS	PASS	PASS	PASS	-	-

Remark(s) (a) mg/kg: milligram per kilogram
(b) MDL: Method detected limit
(c) N.D.: Not detected (result is less than MDL)

13. Phthalates content- As Client's Requirement Refer To CPSC-CH-C1001-09.4, determined by GC-MS

Test Item(s)			Result					Client's Limit (%)	MDL (%)
			1	2	3	4	5		
1	DBP	Dibutyl phthalate CAS# 84-74-2	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005
2	DEHP	Di(2-ethylhexyl) phthalate CAS# 117-81-7	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005
3	BBP	Benzyl butyl phthalate CAS# 85-68-7	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005
4	DINP	Diisononylphthalate CAS# 28553-12-0 /68515-48-0	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.010
5	DNOP	Di-n-octyl phthalate CAS# 117-84-0	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005
6	DIDP	Diisodecylphthalate CAS# 26761-40-0 /68515-49-1	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.010
7	DPP	Dipentyl phthalate CAS# 131-18-0	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005
8	DIBP	Di-iso-butyl phthalate CAS# 84-69-5	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005
9	Dnpp	Phthalic acid, bis-n-pentyl ester CAS# 131-18-0	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005
10	DIHP	1,2-Benzenedicarboxylic acid, di-C6-8-branchedalkyl esters,C7-rich CAS# 71888-89-6	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005
11	DHNUP	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters CAS# 68515-42-4	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005
12	DMEP	Dimethoxyethyl phthalate CAS# 117-82-8	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005
13	DIPP	Di-isopentyl phthalate CAS# 605-50-5	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005
14	PIPP	N-pentyl-isopentylphthalate O-CAS# 776297-69-9	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005

TEST REPORT

Report No.: DPHTL2511263066E

Date: Dec 17,2025

Page 14 of 16

15	-	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear CAS# 84777-06-0	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005
16	DHP	Di-n-hexyl phthalate CAS# 84-75-3	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005
17	DNHP	Di-n-hexyl phthalate CAS# 84-75-3	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005
-	Conclusion		PASS	PASS	PASS	PASS	PASS	-	-

Test Item(s)			Result					Client's Limit (%)	MDL (%)
			6	7	8	9	10		
1	DBP	Dibutyl phthalate CAS# 84-74-2	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005
2	DEHP	Di(2-ethylhexyl) phthalate CAS# 117-81-7	N.D.	N.D.	N.D.	0.011	N.D.	0.1	0.005
3	BBP	Benzyl butyl phthalate CAS# 85-68-7	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005
4	DINP	Diisononylphthalate CAS# 28553-12-0 /68515-48-0	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.010
5	DNOP	Di-n-octyl phthalate CAS# 117-84-0	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005
6	DIDP	Diisodecylphthalate CAS# 26761-40-0 /68515-49-1	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.010
7	DPP	Dipentyl phthalate CAS# 131-18-0	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005
8	DIBP	Di-iso-butyl phthalate CAS# 84-69-5	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005
9	Dnpp	Phthalic acid, bis-n-pentyl ester CAS# 131-18-0	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005
10	DIHP	1,2-Benzenedicarboxylic acid, di-C6-8-brancheddalkyl esters,C7-rich CAS# 71888-89-6	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005
11	DHNUP	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters CAS# 68515-42-4	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005
12	DMEP	Dimethoxyethyl phthalate CAS# 117-82-8	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005
13	DIPP	Di-isopentyl phthalate CAS# 605-50-5	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005
14	PIPP	P-pentyl-isopentylphthalate Q-CAS# 776297-69-9	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005
15	-	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear CAS# 84777-06-0	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005
16	DHP	Di-n-hexyl phthalate CAS# 84-75-3	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005
17	DNHP	Di-n-hexyl phthalate CAS# 84-75-3	N.D.	N.D.	N.D.	N.D.	N.D.	0.1	0.005
-	Conclusion		PASS	PASS	PASS	PASS	PASS	-	-

TEST REPORT

Report No.: DPHTL2511263066E

Date: Dec 17,2025

Page 15 of 16

Remark(s): (a) MDL: Method detected limit
(b) N.D.: Not detected (result is less than MDL)
(c) Only DBP/DIBP/DPP/DNHP/DEHP/BBP/DINP are included in CNAS accreditation scope.
(d) Materials #9 is the test results of the resubmitted sample.

Material List:

Material #	Sample Description/Position
1	Dark blue synthetic material
2	Blue synthetic material
3	Red synthetic material
4	Yellow synthetic material
5	Orange synthetic material
6	Skin synthetic material
7	Purple synthetic material
8	Light purple synthetic material
9	Green synthetic material
10	Light green synthetic material

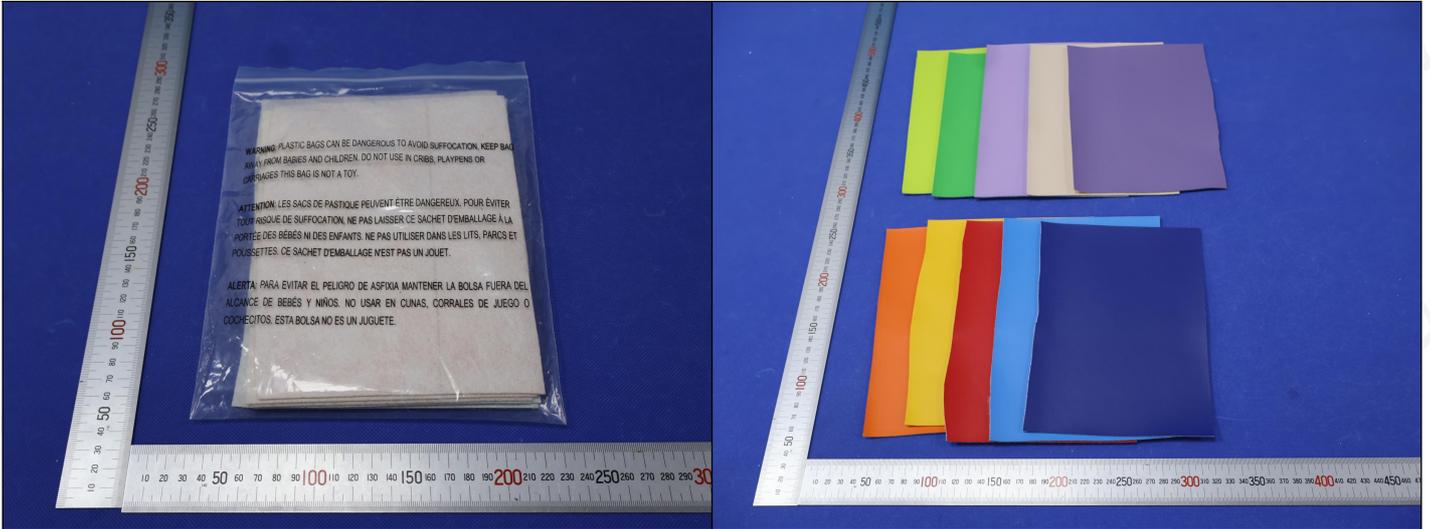
TEST REPORT

Report No.: DPHTL2511263066E

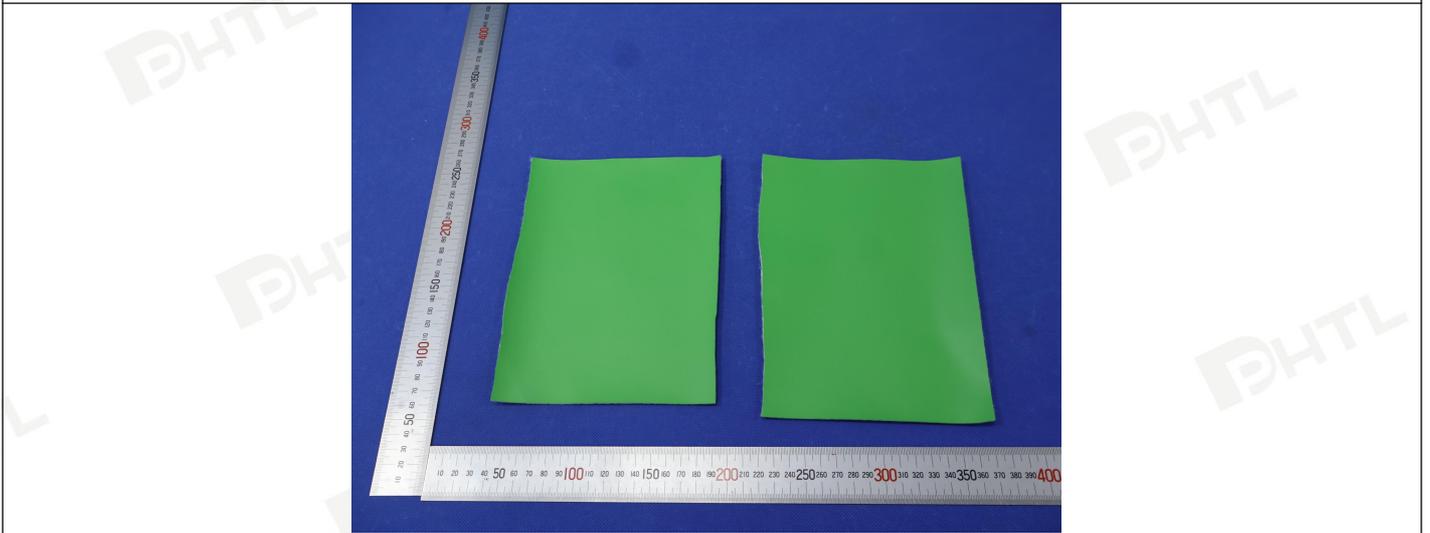
Date: Dec 17,2025

Page 16 of 16

Photo(s):



Test Sample Photo



Resubmit for inspection

<<< <<< END OF REPORT >>> >>>

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