

Test Report

No.: 70.452.25.10374.01

Date: 2025-05-16



Applicant: NINGBO ELITE CYCLE CO.,LTD.
Address: NO.36 PUYAN ROAD, XIAPU INDUSTRIAL PARK,BEILUN DISTRICT,NINGBO
Product Name: Children tricycle
Model No: JY-T08F, JY-T15
Country of Destination: EU/US/Canada
Receipt Date of Sample: 2025-01-21
Date of Testing: 2025-01-21 ~ 2025-05-16
Sample Submitted: The sample(s) was (were) submitted by applicant and identified.
Test Result: Refer to the data listed in following pages

Test Item	Conclusion
1. EN 71-3:2019+A2:2024-Migration of certain elements	Pass
2. Regulation (EC) No.1907/2006 (REACH) Annex XVII, Item 51 & 52 - Phthalates Content	Pass
3. Regulation (EC) No.1907/2006 (REACH) Annex XVII, Item 50 - Polycyclic Aromatic Hydrocarbons (PAHs)	Pass
4. Regulation (EC) No.1907/2006 (REACH) Annex XVII, Item 43 - Azocolourants Content	Pass
5. Regulation (EC) No.1907/2006 (REACH) Annex XVII, Item 23 - Cadmium Content	Pass
6. ASTM F963-23 Section 4.3.5.1 - Total Lead Content Test (Paint and Similar Surface-Coating Materials)	Pass
7. ASTM F963-23 Section 4.3.5.2 - Total Lead Content Test (Substrate Materials)	Pass
8. ASTM F963-23 Section 4.3.5.1 & Section 4.3.5.2 - Soluble Heavy Elements	Pass
9. ASTM F963-23 Section 4.3.8 - Phthalates	Pass
10. 16 CFR Part 1303 / CPSIA section 101(f) - Total Lead Content (surface coating)	Pass
11. 15 U.S.C. § 1278a / CPSIA section 101(a)(2) - Total lead content (Substrate)	Pass
12. CPSIA, § 108, 16 CFR 1307- Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates	Pass
13. Canada Toys Regulations SOR/2011-17 Section 23 and SOR/2022-122 -Total Lead Content	Pass
14. Canada Toys Regulations SOR/2011-17 Section 23 and SOR/2022-122-Total Mercury Content	Pass
15. Canada Toys Regulations SOR/2011-17 Section 23 and SOR/2022-122- Migration of certain 5 Elements	Pass
16. Canada Consumer Products Containing Lead Regulations (SOR/2018-83) -Total Lead Content	Pass
17. Canada Consumer Product Safety Act (S.C. 2010, c. 21), Surface Coating Materials Regulations SOR/2016-193 and SOR/2022-122- Total Lead Content	Pass
18. Canada Consumer Product Safety Act (S.C. 2010, c. 21), Surface Coating Materials Regulations SOR/2016-193 and SOR/2022-122 -Total Mercury Content	Pass
19. Canada Toys Regulations SOR/2011-17 Section 27(3)(a) &(b) - Total Lead	Pass

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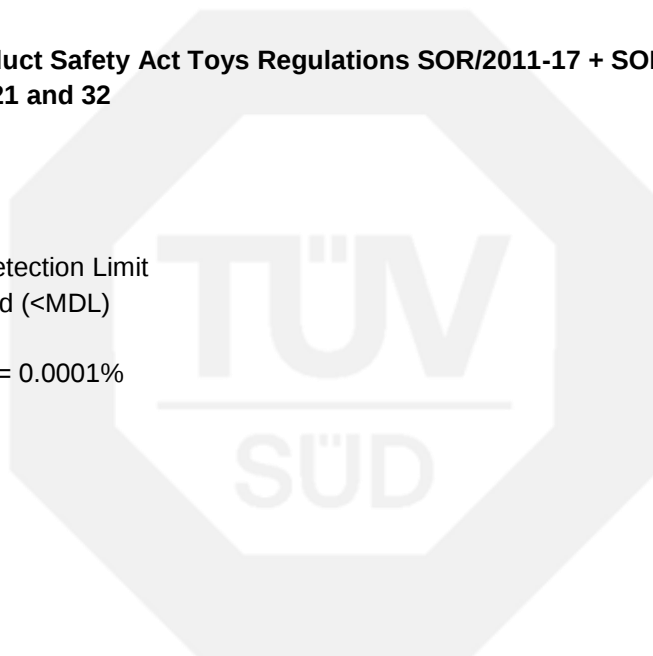
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Test Item	Conclusion
20. Canada Toys Regulations SOR/2011-17 Section 27(3)(a) &(b) - Migration of certain 7 Elements	Pass
21. Canada Phthalates Regulations (SOR/2016-188) - Phthalates Content	Pass
22. EN 71-1:2014+A1:2018 Mechanical and Physical Properties	Pass
23. EN 71-2:2020 Flammability	Pass
24. Tracking label per Consumer Product Safety Improvement Act (CPSIA) of 2008 section 103 Tracking labels for children's products	Pass
25. ASTM F963-23 Standard Consumer Safety Specification for Toy Safety - Physical and Mechanical	Pass
26. ASTM F963-23 Standard Consumer Safety Specification for Toy Safety - Flammability Test of Materials Other Than Textile Materials	Pass
27. Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 + SOR/2018-138 - Physical & Mechanical	Pass
28. Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 + SOR/2018-138 - Flammability Section 21 and 32	Pass

Remarks: 1. MDL = Method Detection Limit
2. ND = Not Detected (<MDL)
3. <= Less than
4. 1 mg/kg = 1 ppm = 0.0001%



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TÜV SÜD Certification and Testing (China) Co., Ltd. Shanghai Branch
Testing Center

Prepared by:

Authorized by:



Jenny Yao
Technical Engineer

Sawyer Tang
Technical Manager

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Description of Tested Subject:

Sample	Description	Photo
001	children tricycle	
002	children tricycle	
003	children tricycle	
004	children tricycle	

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T. No	Sample	Description
T1	005	Dark gray plastic (all on body 001/002/004)
T2	006	Black plastic wheel (001/002/004)
T3	007	White plastic wheel (001~004)
T4	008	Silvery metal (001~004)
T5	009	Black foam tires (001~004)
T6	010	Black foam handle (001~004)
T7	011	Black coating on metal(001/002/004)
T8	012	Silvery metal without coating (001~004)
T9	013	Dark brown plastic on pedal(001/002/004)
T10	014	Dark gray plastic pedal(001/002/004)
T11	015	Black plastic (all on body 001~004)
T12	016	Grey black plastic (001~004)
T13	017	Grey plastic (001~004)
T14	018	Grey fabric(001/002/004)
T15	019	Black mesh fabric (001~004)
T16	020	Black fabric (fastener loop 001~004)
T17	021	Black plastic (fastener hook 001~004)
T18	022	Black plastic hook (001~004)
T19	023	Black webbing (001~004)
T20	024	Black large mesh fabric (001~004)
T21	025	Black fabric piping (001~004)
T22	026	Black plastic canopy frame (001~004)
T23	027	Grey plastic safety buckle (001~004)
T24	028	Red plastic button (001~004)
T25	029	Grey fabric safety belt (001~004)
T26	030	Black fabric seats(001/002/004)
T27	031	Black mesh fabric lining (001~004)
T28	032	Black sponge (001~004)
T29	033	Black soft plastic handle (001~004)
T30	034	Brown plastic (001~004)
T31	035	Dark gray coating on metal (001/002/004)
T32	036	Light gray plastic (001~004)
T33	037	White coating on fabric (002/004)
T34	038	Black fabric (002/004)
T35	039	Black/white fabric label (002/004)
T36	040	White coating on metal (002/003)
T37	041	Pink fabric (003)
T38	042	Red plastic on wheel (003)
T39	043	Pink plastic (003)
T40	044	Black plastic pedal (003)
T41	045	Red plastic button (003)
T42	046	Pink seat fabric (003)
T43	047	Dark gray plastic on pedal (003)
T44	048	Black fabric (on body 001~004)
T45	049	White plastic inside (001~004)

Laboratory:

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Test Result(s):

1. EN 71-3:2019+A2:2024-Migration of certain elements

Test with reference to EN71-3:2019+A2:2024, determination by ICP-MS.

Parameter	MDL [mg/kg]	Limit in scraped- off toy [mg/kg]	Result(s) [mg/kg]	
			005	006
Soluble Aluminum	5.00	28130	ND	ND
Soluble Antimony	5.00	560	ND	ND
Soluble Arsenic	5.00	47	ND	ND
Soluble Barium	5.00	18750	ND	ND
Soluble Boron	5.00	15000	ND	ND
Soluble Cadmium	5.00	17	ND	ND
Soluble Chromium III	0.04	460	ND	ND
Soluble Chromium VI	0.04	0.053	ND	ND
Soluble Cobalt	5.00	130	ND	ND
Soluble Copper	5.00	7700	ND	ND
Soluble Lead	5.00	23	ND	ND
Soluble Manganese	5.00	15000	ND	ND
Soluble Mercury	5.00	94	ND	ND
Soluble Nickel	5.00	930	ND	ND
Soluble Selenium	5.00	460	ND	ND
Soluble Strontium	5.00	56000	ND	ND
Soluble Tin	2.50	180000	ND	ND
Organic Tin	7.50	12	ND	ND
Soluble Zinc	5.00	46000	ND	ND
Conclusion			Pass	Pass

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Parameter	MDL [mg/kg]	Limit in scraped- off toy [mg/kg]	Result(s) [mg/kg]	
			007	009
Soluble Aluminum	5.00	28130	ND	ND
Soluble Antimony	5.00	560	ND	ND
Soluble Arsenic	5.00	47	ND	ND
Soluble Barium	5.00	18750	ND	ND
Soluble Boron	5.00	15000	ND	ND
Soluble Cadmium	5.00	17	ND	ND
Soluble Chromium III	0.04	460	ND	ND
Soluble Chromium VI	0.04	0.053	ND	ND
Soluble Cobalt	5.00	130	ND	ND
Soluble Copper	5.00	7700	ND	ND
Soluble Lead	5.00	23	ND	ND
Soluble Manganese	5.00	15000	ND	ND
Soluble Mercury	5.00	94	ND	ND
Soluble Nickel	5.00	930	ND	ND
Soluble Selenium	5.00	460	ND	ND
Soluble Strontium	5.00	56000	ND	ND
Soluble Tin	2.50	180000	ND	ND
Organic Tin	7.50	12	ND	ND
Soluble Zinc	5.00	46000	ND	66.4
Conclusion			Pass	Pass

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Parameter	MDL [mg/kg]	Limit in scraped- off toy [mg/kg]	Result(s) [mg/kg]	
			010	011
Soluble Aluminum	5.00	28130	ND	61.6
Soluble Antimony	5.00	560	ND	ND
Soluble Arsenic	5.00	47	ND	ND
Soluble Barium	5.00	18750	ND	106.2
Soluble Boron	5.00	15000	ND	5.30
Soluble Cadmium	5.00	17	ND	ND
Soluble Chromium III	0.04	460	ND	1.10
Soluble Chromium VI	0.04	0.053	ND	ND
Soluble Cobalt	5.00	130	ND	ND
Soluble Copper	5.00	7700	ND	ND
Soluble Lead	5.00	23	ND	ND
Soluble Manganese	5.00	15000	ND	14.9
Soluble Mercury	5.00	94	ND	ND
Soluble Nickel	5.00	930	ND	ND
Soluble Selenium	5.00	460	ND	ND
Soluble Strontium	5.00	56000	ND	20.2
Soluble Tin	2.50	180000	ND	ND
Organic Tin	7.50	12	ND	ND
Soluble Zinc	5.00	46000	324.8	24.2
Conclusion			Pass	Pass

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Parameter	MDL [mg/kg]	Limit in scraped- off toy [mg/kg]	Result(s) [mg/kg]	
			013	014
Soluble Aluminum	5.00	28130	ND	ND
Soluble Antimony	5.00	560	ND	ND
Soluble Arsenic	5.00	47	ND	ND
Soluble Barium	5.00	18750	ND	ND
Soluble Boron	5.00	15000	ND	ND
Soluble Cadmium	5.00	17	ND	ND
Soluble Chromium III	0.04	460	0.250	0.200
Soluble Chromium VI	0.04	0.053	ND	ND
Soluble Cobalt	5.00	130	ND	ND
Soluble Copper	5.00	7700	ND	ND
Soluble Lead	5.00	23	ND	ND
Soluble Manganese	5.00	15000	ND	ND
Soluble Mercury	5.00	94	ND	ND
Soluble Nickel	5.00	930	ND	ND
Soluble Selenium	5.00	460	ND	ND
Soluble Strontium	5.00	56000	ND	ND
Soluble Tin	2.50	180000	ND	ND
Organic Tin	7.50	12	ND	ND
Soluble Zinc	5.00	46000	ND	ND
Conclusion			Pass	Pass

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Parameter	MDL [mg/kg]	Limit in scraped- off toy [mg/kg]	Result(s) [mg/kg]	
			015	016
Soluble Aluminum	5.00	28130	ND	ND
Soluble Antimony	5.00	560	ND	ND
Soluble Arsenic	5.00	47	ND	ND
Soluble Barium	5.00	18750	ND	ND
Soluble Boron	5.00	15000	ND	ND
Soluble Cadmium	5.00	17	ND	ND
Soluble Chromium III	0.04	460	ND	ND
Soluble Chromium VI	0.04	0.053	ND	ND
Soluble Cobalt	5.00	130	ND	ND
Soluble Copper	5.00	7700	ND	ND
Soluble Lead	5.00	23	ND	ND
Soluble Manganese	5.00	15000	ND	ND
Soluble Mercury	5.00	94	ND	ND
Soluble Nickel	5.00	930	ND	ND
Soluble Selenium	5.00	460	ND	ND
Soluble Strontium	5.00	56000	ND	ND
Soluble Tin	2.50	180000	ND	ND
Organic Tin	7.50	12	ND	ND
Soluble Zinc	5.00	46000	ND	ND
Conclusion			Pass	Pass

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Parameter	MDL [mg/kg]	Limit in scraped- off toy [mg/kg]	Result(s) [mg/kg]	
			017	018
Soluble Aluminum	5.00	28130	ND	ND
Soluble Antimony	5.00	560	ND	ND
Soluble Arsenic	5.00	47	ND	ND
Soluble Barium	5.00	18750	ND	ND
Soluble Boron	5.00	15000	ND	ND
Soluble Cadmium	5.00	17	ND	ND
Soluble Chromium III	0.04	460	ND	ND
Soluble Chromium VI	0.04	0.053	ND	ND
Soluble Cobalt	5.00	130	ND	ND
Soluble Copper	5.00	7700	ND	ND
Soluble Lead	5.00	23	ND	ND
Soluble Manganese	5.00	15000	ND	ND
Soluble Mercury	5.00	94	ND	ND
Soluble Nickel	5.00	930	ND	ND
Soluble Selenium	5.00	460	ND	ND
Soluble Strontium	5.00	56000	ND	ND
Soluble Tin	2.50	180000	ND	ND
Organic Tin	7.50	12	ND	ND
Soluble Zinc	5.00	46000	ND	ND
Conclusion			Pass	Pass

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Parameter	MDL [mg/kg]	Limit in scraped- off toy [mg/kg]	Result(s) [mg/kg]	
			019	020
Soluble Aluminum	5.00	28130	ND	5.25
Soluble Antimony	5.00	560	ND	ND
Soluble Arsenic	5.00	47	ND	ND
Soluble Barium	5.00	18750	ND	ND
Soluble Boron	5.00	15000	ND	5.30
Soluble Cadmium	5.00	17	ND	ND
Soluble Chromium III	0.04	460	ND	ND
Soluble Chromium VI	0.04	0.053	ND	ND
Soluble Cobalt	5.00	130	ND	ND
Soluble Copper	5.00	7700	ND	ND
Soluble Lead	5.00	23	ND	ND
Soluble Manganese	5.00	15000	ND	ND
Soluble Mercury	5.00	94	ND	ND
Soluble Nickel	5.00	930	ND	ND
Soluble Selenium	5.00	460	ND	ND
Soluble Strontium	5.00	56000	ND	ND
Soluble Tin	2.50	180000	ND	ND
Organic Tin	7.50	12	ND	ND
Soluble Zinc	5.00	46000	5.90	ND
Conclusion			Pass	Pass

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Parameter	MDL [mg/kg]	Limit in scraped- off toy [mg/kg]	Result(s) [mg/kg]	
			021	022
Soluble Aluminum	5.00	28130	ND	ND
Soluble Antimony	5.00	560	ND	ND
Soluble Arsenic	5.00	47	ND	ND
Soluble Barium	5.00	18750	ND	ND
Soluble Boron	5.00	15000	ND	ND
Soluble Cadmium	5.00	17	ND	ND
Soluble Chromium III	0.04	460	ND	ND
Soluble Chromium VI	0.04	0.053	ND	ND
Soluble Cobalt	5.00	130	ND	ND
Soluble Copper	5.00	7700	ND	ND
Soluble Lead	5.00	23	ND	ND
Soluble Manganese	5.00	15000	ND	ND
Soluble Mercury	5.00	94	ND	ND
Soluble Nickel	5.00	930	ND	ND
Soluble Selenium	5.00	460	ND	ND
Soluble Strontium	5.00	56000	ND	ND
Soluble Tin	2.50	180000	ND	ND
Organic Tin	7.50	12	ND	ND
Soluble Zinc	5.00	46000	ND	ND
Conclusion			Pass	Pass

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Parameter	MDL [mg/kg]	Limit in scraped- off toy [mg/kg]	Result(s) [mg/kg]	
			023	024
Soluble Aluminum	5.00	28130	ND	ND
Soluble Antimony	5.00	560	ND	20.0
Soluble Arsenic	5.00	47	ND	ND
Soluble Barium	5.00	18750	ND	ND
Soluble Boron	5.00	15000	ND	ND
Soluble Cadmium	5.00	17	ND	ND
Soluble Chromium III	0.04	460	ND	ND
Soluble Chromium VI	0.04	0.053	ND	ND
Soluble Cobalt	5.00	130	ND	ND
Soluble Copper	5.00	7700	ND	ND
Soluble Lead	5.00	23	ND	ND
Soluble Manganese	5.00	15000	ND	ND
Soluble Mercury	5.00	94	ND	ND
Soluble Nickel	5.00	930	ND	ND
Soluble Selenium	5.00	460	ND	ND
Soluble Strontium	5.00	56000	ND	ND
Soluble Tin	2.50	180000	ND	ND
Organic Tin	7.50	12	ND	ND
Soluble Zinc	5.00	46000	ND	ND
Conclusion			Pass	Pass

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Parameter	MDL [mg/kg]	Limit in scraped- off toy [mg/kg]	Result(s) [mg/kg]	
			025	026
Soluble Aluminum	5.00	28130	7.05	8.55
Soluble Antimony	5.00	560	ND	ND
Soluble Arsenic	5.00	47	ND	ND
Soluble Barium	5.00	18750	ND	ND
Soluble Boron	5.00	15000	ND	ND
Soluble Cadmium	5.00	17	ND	ND
Soluble Chromium III	0.04	460	ND	ND
Soluble Chromium VI	0.04	0.053	ND	ND
Soluble Cobalt	5.00	130	ND	ND
Soluble Copper	5.00	7700	ND	ND
Soluble Lead	5.00	23	ND	ND
Soluble Manganese	5.00	15000	ND	ND
Soluble Mercury	5.00	94	ND	ND
Soluble Nickel	5.00	930	ND	ND
Soluble Selenium	5.00	460	ND	ND
Soluble Strontium	5.00	56000	ND	ND
Soluble Tin	2.50	180000	ND	ND
Organic Tin	7.50	12	ND	ND
Soluble Zinc	5.00	46000	43.2	ND
Conclusion			Pass	Pass

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Parameter	MDL [mg/kg]	Limit in scraped- off toy [mg/kg]	Result(s) [mg/kg]	
			027	028
Soluble Aluminum	5.00	28130	ND	ND
Soluble Antimony	5.00	560	ND	ND
Soluble Arsenic	5.00	47	ND	ND
Soluble Barium	5.00	18750	ND	ND
Soluble Boron	5.00	15000	ND	ND
Soluble Cadmium	5.00	17	ND	ND
Soluble Chromium III	0.04	460	ND	ND
Soluble Chromium VI	0.04	0.053	ND	ND
Soluble Cobalt	5.00	130	ND	ND
Soluble Copper	5.00	7700	ND	ND
Soluble Lead	5.00	23	ND	ND
Soluble Manganese	5.00	15000	ND	ND
Soluble Mercury	5.00	94	ND	ND
Soluble Nickel	5.00	930	ND	ND
Soluble Selenium	5.00	460	ND	ND
Soluble Strontium	5.00	56000	ND	ND
Soluble Tin	2.50	180000	ND	ND
Organic Tin	7.50	12	ND	ND
Soluble Zinc	5.00	46000	ND	ND
Conclusion			Pass	Pass

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Parameter	MDL [mg/kg]	Limit in scraped- off toy [mg/kg]	Result(s) [mg/kg]	
			029	030
Soluble Aluminum	5.00	28130	ND	ND
Soluble Antimony	5.00	560	ND	ND
Soluble Arsenic	5.00	47	ND	ND
Soluble Barium	5.00	18750	ND	ND
Soluble Boron	5.00	15000	ND	ND
Soluble Cadmium	5.00	17	ND	ND
Soluble Chromium III	0.04	460	ND	ND
Soluble Chromium VI	0.04	0.053	ND	ND
Soluble Cobalt	5.00	130	ND	ND
Soluble Copper	5.00	7700	ND	ND
Soluble Lead	5.00	23	ND	ND
Soluble Manganese	5.00	15000	ND	ND
Soluble Mercury	5.00	94	ND	ND
Soluble Nickel	5.00	930	ND	ND
Soluble Selenium	5.00	460	ND	ND
Soluble Strontium	5.00	56000	ND	ND
Soluble Tin	2.50	180000	ND	ND
Organic Tin	7.50	12	ND	ND
Soluble Zinc	5.00	46000	ND	ND
Conclusion			Pass	Pass

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Parameter	MDL [mg/kg]	Limit in scraped- off toy [mg/kg]	Result(s) [mg/kg]	
			031	032
Soluble Aluminum	5.00	28130	6.90	5.85
Soluble Antimony	5.00	560	9.35	ND
Soluble Arsenic	5.00	47	ND	ND
Soluble Barium	5.00	18750	ND	ND
Soluble Boron	5.00	15000	ND	ND
Soluble Cadmium	5.00	17	ND	ND
Soluble Chromium III	0.04	460	ND	0.200
Soluble Chromium VI	0.04	0.053	ND	ND
Soluble Cobalt	5.00	130	ND	ND
Soluble Copper	5.00	7700	ND	ND
Soluble Lead	5.00	23	ND	ND
Soluble Manganese	5.00	15000	ND	ND
Soluble Mercury	5.00	94	ND	ND
Soluble Nickel	5.00	930	ND	ND
Soluble Selenium	5.00	460	ND	ND
Soluble Strontium	5.00	56000	ND	5.05
Soluble Tin	2.50	180000	ND	ND
Organic Tin	7.50	12	ND	ND
Soluble Zinc	5.00	46000	ND	ND
Conclusion			Pass	Pass

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Parameter	MDL [mg/kg]	Limit in scraped- off toy [mg/kg]	Result(s) [mg/kg]	
			033	034
Soluble Aluminum	5.00	28130	ND	ND
Soluble Antimony	5.00	560	ND	ND
Soluble Arsenic	5.00	47	ND	ND
Soluble Barium	5.00	18750	ND	8.85
Soluble Boron	5.00	15000	ND	ND
Soluble Cadmium	5.00	17	ND	ND
Soluble Chromium III	0.04	460	ND	ND
Soluble Chromium VI	0.04	0.053	ND	ND
Soluble Cobalt	5.00	130	ND	ND
Soluble Copper	5.00	7700	ND	ND
Soluble Lead	5.00	23	ND	ND
Soluble Manganese	5.00	15000	ND	ND
Soluble Mercury	5.00	94	ND	ND
Soluble Nickel	5.00	930	ND	ND
Soluble Selenium	5.00	460	ND	ND
Soluble Strontium	5.00	56000	ND	ND
Soluble Tin	2.50	180000	ND	ND
Organic Tin	7.50	12	ND	ND
Soluble Zinc	5.00	46000	129.6	ND
Conclusion			Pass	Pass

Test Report

No.: 70.452.25.10374.01

Date: 2025-05-16



Parameter	MDL [mg/kg]	Limit in scraped- off toy [mg/kg]	Result(s) [mg/kg]	
			035	036
Soluble Aluminum	5.00	28130	57.6	ND
Soluble Antimony	5.00	560	ND	ND
Soluble Arsenic	5.00	47	ND	ND
Soluble Barium	5.00	18750	143.0	ND
Soluble Boron	5.00	15000	6.45	ND
Soluble Cadmium	5.00	17	ND	ND
Soluble Chromium III	0.04	460	2.00	ND
Soluble Chromium VI	0.04	0.053	ND	ND
Soluble Cobalt	5.00	130	ND	ND
Soluble Copper	5.00	7700	ND	ND
Soluble Lead	5.00	23	ND	ND
Soluble Manganese	5.00	15000	19.6	ND
Soluble Mercury	5.00	94	ND	ND
Soluble Nickel	5.00	930	ND	ND
Soluble Selenium	5.00	460	ND	ND
Soluble Strontium	5.00	56000	25.0	ND
Soluble Tin	2.50	180000	ND	ND
Organic Tin	7.50	12	ND	ND
Soluble Zinc	5.00	46000	31.1	ND
Conclusion			Pass	Pass

Test Report

No.: 70.452.25.10374.01

Date: 2025-05-16



Parameter	MDL [mg/kg]	Limit in scraped- off toy [mg/kg]	Result(s) [mg/kg]	
			037	038
Soluble Aluminum	5.00	28130	NA	6.65
Soluble Antimony	5.00	560	NA	ND
Soluble Arsenic	5.00	47	NA	ND
Soluble Barium	5.00	18750	NA	ND
Soluble Boron	5.00	15000	NA	ND
Soluble Cadmium	5.00	17	NA	ND
Soluble Chromium III	0.04	460	NA	ND
Soluble Chromium VI	0.04	0.053	NA	ND
Soluble Cobalt	5.00	130	NA	ND
Soluble Copper	5.00	7700	NA	ND
Soluble Lead	5.00	23	NA	ND
Soluble Manganese	5.00	15000	NA	ND
Soluble Mercury	5.00	94	NA	ND
Soluble Nickel	5.00	930	NA	ND
Soluble Selenium	5.00	460	NA	ND
Soluble Strontium	5.00	56000	NA	ND
Soluble Tin	2.50	180000	NA	ND
Organic Tin	7.50	12	NA	ND
Soluble Zinc	5.00	46000	NA	ND
Conclusion			-	Pass

Test Report

No.: 70.452.25.10374.01

Date: 2025-05-16



Parameter	MDL [mg/kg]	Limit in scraped- off toy [mg/kg]	Result(s) [mg/kg]	
			039	040
Soluble Aluminum	5.00	28130	7.15	NA
Soluble Antimony	5.00	560	ND	NA
Soluble Arsenic	5.00	47	ND	NA
Soluble Barium	5.00	18750	ND	NA
Soluble Boron	5.00	15000	ND	NA
Soluble Cadmium	5.00	17	ND	NA
Soluble Chromium III	0.04	460	ND	NA
Soluble Chromium VI	0.04	0.053	ND	NA
Soluble Cobalt	5.00	130	ND	NA
Soluble Copper	5.00	7700	ND	NA
Soluble Lead	5.00	23	ND	NA
Soluble Manganese	5.00	15000	ND	NA
Soluble Mercury	5.00	94	ND	NA
Soluble Nickel	5.00	930	ND	NA
Soluble Selenium	5.00	460	ND	NA
Soluble Strontium	5.00	56000	ND	NA
Soluble Tin	2.50	180000	ND	NA
Organic Tin	7.50	12	ND	NA
Soluble Zinc	5.00	46000	ND	NA
Conclusion			Pass	-

Test Report

No.: 70.452.25.10374.01

Date: 2025-05-16



Parameter	MDL [mg/kg]	Limit in scraped- off toy [mg/kg]	Result(s) [mg/kg]	
			041	042
Soluble Aluminum	5.00	28130	5.25	ND
Soluble Antimony	5.00	560	ND	ND
Soluble Arsenic	5.00	47	ND	ND
Soluble Barium	5.00	18750	ND	ND
Soluble Boron	5.00	15000	ND	ND
Soluble Cadmium	5.00	17	ND	ND
Soluble Chromium III	0.04	460	ND	ND
Soluble Chromium VI	0.04	0.053	ND	ND
Soluble Cobalt	5.00	130	ND	ND
Soluble Copper	5.00	7700	ND	ND
Soluble Lead	5.00	23	ND	ND
Soluble Manganese	5.00	15000	ND	ND
Soluble Mercury	5.00	94	ND	ND
Soluble Nickel	5.00	930	ND	ND
Soluble Selenium	5.00	460	ND	ND
Soluble Strontium	5.00	56000	ND	ND
Soluble Tin	2.50	180000	ND	ND
Organic Tin	7.50	12	ND	ND
Soluble Zinc	5.00	46000	ND	ND
Conclusion			Pass	Pass

Test Report

No.: 70.452.25.10374.01

Date: 2025-05-16



Parameter	MDL [mg/kg]	Limit in scraped- off toy [mg/kg]	Result(s) [mg/kg]	
			043	044
Soluble Aluminum	5.00	28130	5.75	5.05
Soluble Antimony	5.00	560	ND	ND
Soluble Arsenic	5.00	47	ND	ND
Soluble Barium	5.00	18750	ND	ND
Soluble Boron	5.00	15000	6.50	ND
Soluble Cadmium	5.00	17	ND	ND
Soluble Chromium III	0.04	460	ND	ND
Soluble Chromium VI	0.04	0.053	ND	ND
Soluble Cobalt	5.00	130	ND	ND
Soluble Copper	5.00	7700	ND	ND
Soluble Lead	5.00	23	ND	ND
Soluble Manganese	5.00	15000	ND	ND
Soluble Mercury	5.00	94	ND	ND
Soluble Nickel	5.00	930	ND	ND
Soluble Selenium	5.00	460	ND	ND
Soluble Strontium	5.00	56000	ND	ND
Soluble Tin	2.50	180000	ND	ND
Organic Tin	7.50	12	ND	ND
Soluble Zinc	5.00	46000	ND	ND
Conclusion			Pass	Pass

Test Report

No.: 70.452.25.10374.01

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Parameter	MDL [mg/kg]	Limit in scraped- off toy [mg/kg]	Result(s) [mg/kg]	
			045	046
Soluble Aluminum	5.00	28130	ND	5.95
Soluble Antimony	5.00	560	ND	19.8
Soluble Arsenic	5.00	47	ND	ND
Soluble Barium	5.00	18750	ND	ND
Soluble Boron	5.00	15000	ND	ND
Soluble Cadmium	5.00	17	ND	ND
Soluble Chromium III	0.04	460	ND	0.450
Soluble Chromium VI	0.04	0.053	ND	ND
Soluble Cobalt	5.00	130	ND	ND
Soluble Copper	5.00	7700	ND	ND
Soluble Lead	5.00	23	ND	ND
Soluble Manganese	5.00	15000	ND	ND
Soluble Mercury	5.00	94	ND	ND
Soluble Nickel	5.00	930	ND	ND
Soluble Selenium	5.00	460	ND	ND
Soluble Strontium	5.00	56000	ND	ND
Soluble Tin	2.50	180000	ND	ND
Organic Tin	7.50	12	ND	ND
Soluble Zinc	5.00	46000	ND	ND
Conclusion			Pass	Pass

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Parameter	MDL [mg/kg]	Limit in scraped- off toy [mg/kg]	Result(s) [mg/kg]	
			047	048
Soluble Aluminum	5.00	28130	ND	6.25
Soluble Antimony	5.00	560	ND	ND
Soluble Arsenic	5.00	47	ND	ND
Soluble Barium	5.00	18750	ND	ND
Soluble Boron	5.00	15000	ND	5.30
Soluble Cadmium	5.00	17	ND	ND
Soluble Chromium III	0.04	460	ND	ND
Soluble Chromium VI	0.04	0.053	ND	ND
Soluble Cobalt	5.00	130	ND	ND
Soluble Copper	5.00	7700	ND	ND
Soluble Lead	5.00	23	ND	ND
Soluble Manganese	5.00	15000	ND	ND
Soluble Mercury	5.00	94	ND	ND
Soluble Nickel	5.00	930	ND	ND
Soluble Selenium	5.00	460	ND	ND
Soluble Strontium	5.00	56000	ND	ND
Soluble Tin	2.50	180000	ND	ND
Organic Tin	7.50	12	ND	ND
Soluble Zinc	5.00	46000	ND	9.20
Conclusion			Pass	Pass

Remark: NA = With reference to EN 71-3:2019+A1:2024, test portions where less than 10mg of material available are not tested.

2. Regulation (EC) No.1907/2006 (REACH) Annex XVII, Item 51 & 52 - Phthalates Content

Test with reference to in-house method, determination by GC-MS.

Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
					005+006+007	009+010+032
Bis (2-ethylhexyl) phthalate, DEHP	117-81-7	%	0.005	-	ND	ND
Dibutyl phthalate, DBP	84-74-2	%	0.005	-	ND	ND
Benzyl butyl phthalate, BBP	85-68-7	%	0.005	-	ND	ND
Diisobutylphthalate, DIBP	84-69-5	%	0.005	-	ND	ND
Sum of DBP, BBP, DEHP, DIBP	-	%	0.005	0.1	ND	ND
Di-isononyl phthalate, DINP	28553-12-0 /68515-48-0	%	0.005	-	ND	ND
Di-isodecyl phthalate, DIDP	26761-40-0 /68515-49-1	%	0.005	-	ND	ND
Di-n-octyl phthalate, DNOP	117-84-0	%	0.005	-	ND	ND
Sum of DINP, DIDP, DNOP	-	%	0.005	0.1	ND	ND
Conclusion					Pass	Pass

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Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
					011+035+037	013+014+015
Bis (2-ethylhexyl) phthalate, DEHP	117-81-7	%	0.005	-	ND	ND
Dibutyl phthalate, DBP	84-74-2	%	0.005	-	ND	ND
Benzyl butyl phthalate, BBP	85-68-7	%	0.005	-	ND	ND
Diisobutylphthalate, DIBP	84-69-5	%	0.005	-	ND	ND
Sum of DBP, BBP, DEHP, DIBP	-	%	0.005	0.1	ND	ND
Di-isononyl phthalate, DINP	28553-12-0 /68515-48-0	%	0.005	-	ND	ND
Di-isodecyl phthalate, DIDP	26761-40-0 /68515-49-1	%	0.005	-	ND	ND
Di-n-octyl phthalate, DNOP	117-84-0	%	0.005	-	ND	ND
Sum of DINP, DIDP, DNOP	-	%	0.005	0.1	ND	ND
Conclusion					Pass	Pass

Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
					016+017+021	022+026+027
Bis (2-ethylhexyl) phthalate, DEHP	117-81-7	%	0.005	-	ND	ND
Dibutyl phthalate, DBP	84-74-2	%	0.005	-	ND	ND
Benzyl butyl phthalate, BBP	85-68-7	%	0.005	-	ND	ND
Diisobutylphthalate, DIBP	84-69-5	%	0.005	-	ND	ND
Sum of DBP, BBP, DEHP, DIBP	-	%	0.005	0.1	ND	ND
Di-isononyl phthalate, DINP	28553-12-0 /68515-48-0	%	0.005	-	ND	ND
Di-isodecyl phthalate, DIDP	26761-40-0 /68515-49-1	%	0.005	-	ND	ND
Di-n-octyl phthalate, DNOP	117-84-0	%	0.005	-	ND	ND
Sum of DINP, DIDP, DNOP	-	%	0.005	0.1	ND	ND
Conclusion					Pass	Pass

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Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
					028+034+036	033
Bis (2-ethylhexyl) phthalate, DEHP	117-81-7	%	0.005	-	ND	ND
Dibutyl phthalate, DBP	84-74-2	%	0.005	-	ND	ND
Benzyl butyl phthalate, BBP	85-68-7	%	0.005	-	ND	ND
Diisobutylphthalate, DIBP	84-69-5	%	0.005	-	ND	ND
Sum of DBP, BBP, DEHP, DIBP	-	%	0.005	0.1	ND	ND
Di-isononyl phthalate, DINP	28553-12-0 /68515-48-0	%	0.005	-	ND	ND
Di-isodecyl phthalate, DIDP	26761-40-0 /68515-49-1	%	0.005	-	ND	ND
Di-n-octyl phthalate, DNOP	117-84-0	%	0.005	-	ND	ND
Sum of DINP, DIDP, DNOP	-	%	0.005	0.1	ND	ND
Conclusion					Pass	Pass

Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
					040	042+043+044
Bis (2-ethylhexyl) phthalate, DEHP	117-81-7	%	0.005	-	ND	ND
Dibutyl phthalate, DBP	84-74-2	%	0.005	-	ND	ND
Benzyl butyl phthalate, BBP	85-68-7	%	0.005	-	ND	ND
Diisobutylphthalate, DIBP	84-69-5	%	0.005	-	ND	ND
Sum of DBP, BBP, DEHP, DIBP	-	%	0.005	0.1	ND	ND
Di-isononyl phthalate, DINP	28553-12-0 /68515-48-0	%	0.005	-	ND	ND
Di-isodecyl phthalate, DIDP	26761-40-0 /68515-49-1	%	0.005	-	ND	ND
Di-n-octyl phthalate, DNOP	117-84-0	%	0.005	-	ND	ND
Sum of DINP, DIDP, DNOP	-	%	0.005	0.1	ND	ND
Conclusion					Pass	Pass

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Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
					045+047	049
Bis (2-ethylhexyl) phthalate, DEHP	117-81-7	%	0.005	-	ND	ND
Dibutyl phthalate, DBP	84-74-2	%	0.005	-	ND	ND
Benzyl butyl phthalate, BBP	85-68-7	%	0.005	-	ND	ND
Diisobutylphthalate, DIBP	84-69-5	%	0.005	-	ND	ND
Sum of DBP, BBP, DEHP, DIBP	-	%	0.005	0.1	ND	ND
Di-isononyl phthalate, DINP	28553-12-0 /68515-48-0	%	0.005	-	ND	ND
Di-isodecyl phthalate, DIDP	26761-40-0 /68515-49-1	%	0.005	-	ND	ND
Di-n-octyl phthalate, DNOP	117-84-0	%	0.005	-	ND	ND
Sum of DINP, DIDP, DNOP	-	%	0.005	0.1	ND	ND
Conclusion					Pass	Pass

3. Regulation (EC) No.1907/2006 (REACH) Annex XVII, Item 50 - Polycyclic Aromatic Hydrocarbons (PAHs)

Test with reference to AfPS GS 2019:01PAK, determination by GC-MS.

Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
					005+006+007	016+017+021
Benzo[b]fluoranthene (BbFA)	205-99-2	mg/kg	0.1	0.5	ND	ND
Benzo[a]anthracene (BaA)	56-55-3	mg/kg	0.1	0.5	ND	ND
Benzo[a]pyrene (BaP)	50-32-8	mg/kg	0.1	0.5	ND	ND
Benzo[e]pyrene (BeP)	192-97-2	mg/kg	0.1	0.5	ND	ND
Benzo[j]fluoranthene (BjFA)	205-82-3	mg/kg	0.1	0.5	ND	ND
Benzo[k]fluoranthene (BkFA)	207-08-9	mg/kg	0.1	0.5	ND	ND
Chrysene (CHR)	218-01-9	mg/kg	0.1	0.5	ND	ND
Dibenzo[a,h]anthracene (DBAhA)	53-70-3	mg/kg	0.1	0.5	ND	ND
Conclusion					Pass	Pass

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Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
					022+026+027	028+034+036
Benzo[b]fluoranthene (BbFA)	205-99-2	mg/kg	0.1	0.5	ND	ND
Benzo[a]anthracene (BaA)	56-55-3	mg/kg	0.1	0.5	ND	ND
Benzo[a]pyrene (BaP)	50-32-8	mg/kg	0.1	0.5	ND	ND
Benzo[e]pyrene (BeP)	192-97-2	mg/kg	0.1	0.5	ND	ND
Benzo[j]fluoranthene (BjFA)	205-82-3	mg/kg	0.1	0.5	ND	ND
Benzo[k]fluoranthene (BkFA)	207-08-9	mg/kg	0.1	0.5	ND	ND
Chrysene (CHR)	218-01-9	mg/kg	0.1	0.5	ND	ND
Dibenzo[a,h]anthracene (DBAhA)	53-70-3	mg/kg	0.1	0.5	ND	ND
Conclusion					Pass	Pass

Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
					045+047	
Benzo[b]fluoranthene (BbFA)	205-99-2	mg/kg	0.1	0.5	ND	
Benzo[a]anthracene (BaA)	56-55-3	mg/kg	0.1	0.5	ND	
Benzo[a]pyrene (BaP)	50-32-8	mg/kg	0.1	0.5	ND	
Benzo[e]pyrene (BeP)	192-97-2	mg/kg	0.1	0.5	ND	
Benzo[j]fluoranthene (BjFA)	205-82-3	mg/kg	0.1	0.5	ND	
Benzo[k]fluoranthene (BkFA)	207-08-9	mg/kg	0.1	0.5	ND	
Chrysene (CHR)	218-01-9	mg/kg	0.1	0.5	ND	
Dibenzo[a,h]anthracene (DBAhA)	53-70-3	mg/kg	0.1	0.5	ND	
Conclusion					Pass	

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4. Regulation (EC) No.1907/2006 (REACH) Annex XVII, Item 43 - Azocolourants Content

Test with reference to EN ISO 14362-1:2017, determination by GC-MS/HPLC.

Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
					018+019+020	023+024+025
4-aminobiphenyl	92-67-1	mg/kg	5.0	30	ND	ND
Benzidine	92-87-5	mg/kg	5.0	30	ND	ND
4-chloro-o-toluidine	95-69-2	mg/kg	5.0	30	ND	ND
2-naphthylamine	91-59-8	mg/kg	5.0	30	ND	ND
o-aminoazotoluene	97-56-3	mg/kg	5.0	30	ND	ND
5-nitro-o-toluidine	99-55-8	mg/kg	5.0	30	ND	ND
4-chloroaniline	106-47-8	mg/kg	5.0	30	ND	ND
2,4-diaminoanisole	615-05-4	mg/kg	5.0	30	ND	ND
4,4'-diaminodiphenylmethane	101-77-9	mg/kg	5.0	30	ND	ND
3,3'-dichlorobenzidine	91-94-1	mg/kg	5.0	30	ND	ND
3,3'-Dimethoxybenzidine	119-90-4	mg/kg	5.0	30	ND	ND
3,3'-dimethylbenzidine	119-93-7	mg/kg	5.0	30	ND	ND
4,4'-methylenedi-o-toluidine	838-88-0	mg/kg	5.0	30	ND	ND
p-cresidine	120-71-8	mg/kg	5.0	30	ND	ND
4,4'-methylene-bis-(2-chloro-aniline)	101-14-4	mg/kg	5.0	30	ND	ND
4,4'-oxydianiline	101-80-4	mg/kg	5.0	30	ND	ND
4,4'-thiodianiline	139-65-1	mg/kg	5.0	30	ND	ND
o-toluidine	95-53-4	mg/kg	5.0	30	ND	ND
2,4-toluenediamine	95-80-7	mg/kg	5.0	30	ND	ND
2,4,5-trimethylaniline	137-17-7	mg/kg	5.0	30	ND	ND
2-methoxyaniline	90-04-0	mg/kg	5.0	30	ND	ND
2,4-xylidine	95-68-1	mg/kg	5.0	30	ND	ND
2,6-xylidine	87-62-7	mg/kg	5.0	30	ND	ND
4-aminoazobenzene	60-09-3	mg/kg	5.0	30	ND	ND
Conclusion					Pass	Pass

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Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
					029+030+031	038+039+041
4-aminobiphenyl	92-67-1	mg/kg	5.0	30	ND	ND
Benzidine	92-87-5	mg/kg	5.0	30	ND	ND
4-chloro-o-toluidine	95-69-2	mg/kg	5.0	30	ND	ND
2-naphthylamine	91-59-8	mg/kg	5.0	30	ND	ND
o-aminoazotoluene	97-56-3	mg/kg	5.0	30	ND	ND
5-nitro-o-toluidine	99-55-8	mg/kg	5.0	30	ND	ND
4-chloroaniline	106-47-8	mg/kg	5.0	30	ND	ND
2,4-diaminoanisole	615-05-4	mg/kg	5.0	30	ND	ND
4,4'-diaminodiphenylmethane	101-77-9	mg/kg	5.0	30	ND	ND
3,3'-dichlorobenzidine	91-94-1	mg/kg	5.0	30	ND	ND
3,3'-Dimethoxybenzidine	119-90-4	mg/kg	5.0	30	ND	ND
3,3'-dimethylbenzidine	119-93-7	mg/kg	5.0	30	ND	ND
4,4'-methylenedi-o-toluidine	838-88-0	mg/kg	5.0	30	ND	ND
p-cresidine	120-71-8	mg/kg	5.0	30	ND	ND
4,4'-methylene-bis-(2-chloro-aniline)	101-14-4	mg/kg	5.0	30	ND	ND
4,4'-oxydianiline	101-80-4	mg/kg	5.0	30	ND	ND
4,4'-thiodianiline	139-65-1	mg/kg	5.0	30	ND	ND
o-toluidine	95-53-4	mg/kg	5.0	30	ND	ND
2,4-toluenediamine	95-80-7	mg/kg	5.0	30	ND	ND
2,4,5-trimethylaniline	137-17-7	mg/kg	5.0	30	ND	ND
2-methoxyaniline	90-04-0	mg/kg	5.0	30	ND	ND
2,4-xylidine	95-68-1	mg/kg	5.0	30	ND	ND
2,6-xylidine	87-62-7	mg/kg	5.0	30	ND	ND
4-aminoazobenzene	60-09-3	mg/kg	5.0	30	ND	ND
Conclusion					Pass	Pass

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Parameter	CAS No.	Unit	MDL	Limit	Result(s)
					046+048
4-aminobiphenyl	92-67-1	mg/kg	5.0	30	ND
Benzidine	92-87-5	mg/kg	5.0	30	ND
4-chloro-o-toluidine	95-69-2	mg/kg	5.0	30	ND
2-naphthylamine	91-59-8	mg/kg	5.0	30	ND
o-aminoazotoluene	97-56-3	mg/kg	5.0	30	ND
5-nitro-o-toluidine	99-55-8	mg/kg	5.0	30	ND
4-chloroaniline	106-47-8	mg/kg	5.0	30	ND
2,4-diaminoanisole	615-05-4	mg/kg	5.0	30	ND
4,4'-diaminodiphenylmethane	101-77-9	mg/kg	5.0	30	ND
3,3'-dichlorobenzidine	91-94-1	mg/kg	5.0	30	ND
3,3'-Dimethoxybenzidine	119-90-4	mg/kg	5.0	30	ND
3,3'-dimethylbenzidine	119-93-7	mg/kg	5.0	30	ND
4,4'-methylenedi-o-toluidine	838-88-0	mg/kg	5.0	30	ND
p-cresidine	120-71-8	mg/kg	5.0	30	ND
4,4'-methylene-bis-(2-chloro-aniline)	101-14-4	mg/kg	5.0	30	ND
4,4'-oxydianiline	101-80-4	mg/kg	5.0	30	ND
4,4'-thiodianiline	139-65-1	mg/kg	5.0	30	ND
o-toluidine	95-53-4	mg/kg	5.0	30	ND
2,4-toluenediamine	95-80-7	mg/kg	5.0	30	ND
2,4,5-trimethylaniline	137-17-7	mg/kg	5.0	30	ND
2-methoxyaniline	90-04-0	mg/kg	5.0	30	ND
2,4-xylidine	95-68-1	mg/kg	5.0	30	ND
2,6-xylidine	87-62-7	mg/kg	5.0	30	ND
4-aminoazobenzene	60-09-3	mg/kg	5.0	30	ND
Conclusion					Pass

Interpretation of test results:

- (1) In the case of the measured value per amine component ≤ 30 mg/kg and according to the analysis carried out, the azo colourants banned under the Annex XVII of Regulation (EC) No. 1907/2006, REACH are not detected in the article submitted.
- (2) Banned AZO dyes in accordance to REACH regulation (EC) No. 1907/2006 and Amendment No. 552/2009 Annex XVII Item 43 (formerly known as 2002/61/EC)

5. Regulation (EC) No.1907/2006 (REACH) Annex XVII, Item 23 - Cadmium Content

Test with reference to EN 1122:2001 Method B, determination by ICP-OES.

Sample	Unit	MDL	Limit	Result(s)	Conclusion
005+006+007	mg/kg	10.0	100	ND	Pass
009+010+032	mg/kg	10.0	100	ND	Pass
011+035+037	mg/kg	10.0	1000	ND	Pass
013+014+015	mg/kg	10.0	100	ND	Pass
016+017+021	mg/kg	10.0	100	ND	Pass
022+026+027	mg/kg	10.0	100	ND	Pass
028+034+036	mg/kg	10.0	100	ND	Pass
033	mg/kg	10.0	100	ND	Pass
040	mg/kg	10.0	1000	ND	Pass
042+043+044	mg/kg	10.0	100	ND	Pass
045+047	mg/kg	10.0	100	ND	Pass
049	mg/kg	10.0	100	ND	Pass

6. ASTM F963-23 Section 4.3.5.1 - Total Lead Content Test (Paint and Similar Surface-Coating Materials)

Test with reference to CPSC-CH-E1003-09.1, determination by ICP-OES.

Sample	Unit	MDL	Limit	Result(s)	Conclusion
011+035+037	mg/kg	10.0	90	ND	Pass
040	mg/kg	10.0	90	ND	Pass

7. ASTM F963-23 Section 4.3.5.2 - Total Lead Content Test (Substrate Materials)

Test with reference to CPSC-CH-E1001-08.3:2012 or CPSC-CH-E1002-08.3:2012, determination by ICP-OES.

Sample	Unit	MDL	Limit	Result(s)	Conclusion
005+006+007	mg/kg	10.0	100	ND	Pass
008	mg/kg	10.0	100	41.5	Pass
009+010+032	mg/kg	10.0	100	ND	Pass
012	mg/kg	10.0	100	43.6	Pass
013+014+015	mg/kg	10.0	100	ND	Pass
016+017+021	mg/kg	10.0	100	ND	Pass
022+026+027	mg/kg	10.0	100	ND	Pass
028+034+036	mg/kg	10.0	100	ND	Pass
033	mg/kg	10.0	100	ND	Pass
042+043+044	mg/kg	10.0	100	ND	Pass
045+047	mg/kg	10.0	100	ND	Pass

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8. ASTM F963-23 Section 4.3.5.1 & Section 4.3.5.2 - Soluble Heavy Elements

Test with reference to ASTM F963-23 Section 8.3, determination by ICP-MS.

Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
			005	006
Soluble Antimony (Sb)	5.0	60	ND	ND
Soluble Arsenic (As)	2.5	25	ND	ND
Soluble Barium (Ba)	5.0	1000	ND	ND
Soluble Cadmium (Cd)	5.0	75	ND	ND
Soluble Chromium (Cr)	5.0	60	ND	ND
Soluble Lead (Pb)	5.0	90	ND	ND
Soluble Mercury (Hg)	5.0	60	ND	ND
Soluble Selenium (Se)	5.0	500	ND	ND
Conclusion			Pass	Pass

Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
			007	009
Soluble Antimony (Sb)	5.0	60	ND	ND
Soluble Arsenic (As)	2.5	25	ND	ND
Soluble Barium (Ba)	5.0	1000	ND	ND
Soluble Cadmium (Cd)	5.0	75	ND	ND
Soluble Chromium (Cr)	5.0	60	ND	ND
Soluble Lead (Pb)	5.0	90	ND	ND
Soluble Mercury (Hg)	5.0	60	ND	ND
Soluble Selenium (Se)	5.0	500	ND	ND
Conclusion			Pass	Pass

Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
			010	011
Soluble Antimony (Sb)	5.0	60	ND	ND
Soluble Arsenic (As)	2.5	25	ND	ND
Soluble Barium (Ba)	5.0	1000	ND	75.0
Soluble Cadmium (Cd)	5.0	75	ND	ND
Soluble Chromium (Cr)	5.0	60	ND	ND
Soluble Lead (Pb)	5.0	90	ND	ND
Soluble Mercury (Hg)	5.0	60	ND	ND
Soluble Selenium (Se)	5.0	500	ND	ND
Conclusion			Pass	Pass

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Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
			013	014
Soluble Antimony (Sb)	5.0	60	ND	ND
Soluble Arsenic (As)	2.5	25	ND	ND
Soluble Barium (Ba)	5.0	1000	ND	ND
Soluble Cadmium (Cd)	5.0	75	ND	ND
Soluble Chromium (Cr)	5.0	60	ND	ND
Soluble Lead (Pb)	5.0	90	ND	ND
Soluble Mercury (Hg)	5.0	60	ND	ND
Soluble Selenium (Se)	5.0	500	ND	ND
Conclusion			Pass	Pass

Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
			015	016
Soluble Antimony (Sb)	5.0	60	ND	ND
Soluble Arsenic (As)	2.5	25	ND	ND
Soluble Barium (Ba)	5.0	1000	ND	ND
Soluble Cadmium (Cd)	5.0	75	ND	ND
Soluble Chromium (Cr)	5.0	60	ND	ND
Soluble Lead (Pb)	5.0	90	ND	ND
Soluble Mercury (Hg)	5.0	60	ND	ND
Soluble Selenium (Se)	5.0	500	ND	ND
Conclusion			Pass	Pass

Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
			017	018
Soluble Antimony (Sb)	5.0	60	ND	ND
Soluble Arsenic (As)	2.5	25	ND	ND
Soluble Barium (Ba)	5.0	1000	ND	ND
Soluble Cadmium (Cd)	5.0	75	ND	ND
Soluble Chromium (Cr)	5.0	60	ND	ND
Soluble Lead (Pb)	5.0	90	ND	ND
Soluble Mercury (Hg)	5.0	60	ND	ND
Soluble Selenium (Se)	5.0	500	ND	ND
Conclusion			Pass	Pass

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Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
			019	020
Soluble Antimony (Sb)	5.0	60	ND	ND
Soluble Arsenic (As)	2.5	25	ND	ND
Soluble Barium (Ba)	5.0	1000	ND	ND
Soluble Cadmium (Cd)	5.0	75	ND	ND
Soluble Chromium (Cr)	5.0	60	ND	ND
Soluble Lead (Pb)	5.0	90	ND	ND
Soluble Mercury (Hg)	5.0	60	ND	ND
Soluble Selenium (Se)	5.0	500	ND	ND
Conclusion			Pass	Pass

Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
			021	022
Soluble Antimony (Sb)	5.0	60	ND	ND
Soluble Arsenic (As)	2.5	25	ND	ND
Soluble Barium (Ba)	5.0	1000	ND	ND
Soluble Cadmium (Cd)	5.0	75	ND	ND
Soluble Chromium (Cr)	5.0	60	ND	ND
Soluble Lead (Pb)	5.0	90	ND	ND
Soluble Mercury (Hg)	5.0	60	ND	ND
Soluble Selenium (Se)	5.0	500	ND	ND
Conclusion			Pass	Pass

Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
			023	024
Soluble Antimony (Sb)	5.0	60	ND	7.98
Soluble Arsenic (As)	2.5	25	ND	ND
Soluble Barium (Ba)	5.0	1000	ND	ND
Soluble Cadmium (Cd)	5.0	75	ND	ND
Soluble Chromium (Cr)	5.0	60	ND	ND
Soluble Lead (Pb)	5.0	90	ND	ND
Soluble Mercury (Hg)	5.0	60	ND	ND
Soluble Selenium (Se)	5.0	500	ND	ND
Conclusion			Pass	Pass

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Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
			025	026
Soluble Antimony (Sb)	5.0	60	ND	ND
Soluble Arsenic (As)	2.5	25	ND	ND
Soluble Barium (Ba)	5.0	1000	ND	ND
Soluble Cadmium (Cd)	5.0	75	ND	ND
Soluble Chromium (Cr)	5.0	60	ND	ND
Soluble Lead (Pb)	5.0	90	ND	ND
Soluble Mercury (Hg)	5.0	60	ND	ND
Soluble Selenium (Se)	5.0	500	ND	ND
Conclusion			Pass	Pass

Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
			027	028
Soluble Antimony (Sb)	5.0	60	ND	ND
Soluble Arsenic (As)	2.5	25	ND	ND
Soluble Barium (Ba)	5.0	1000	ND	ND
Soluble Cadmium (Cd)	5.0	75	ND	ND
Soluble Chromium (Cr)	5.0	60	ND	ND
Soluble Lead (Pb)	5.0	90	ND	ND
Soluble Mercury (Hg)	5.0	60	ND	ND
Soluble Selenium (Se)	5.0	500	ND	ND
Conclusion			Pass	Pass

Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
			029	030
Soluble Antimony (Sb)	5.0	60	ND	ND
Soluble Arsenic (As)	2.5	25	ND	ND
Soluble Barium (Ba)	5.0	1000	ND	ND
Soluble Cadmium (Cd)	5.0	75	ND	ND
Soluble Chromium (Cr)	5.0	60	ND	ND
Soluble Lead (Pb)	5.0	90	ND	ND
Soluble Mercury (Hg)	5.0	60	ND	ND
Soluble Selenium (Se)	5.0	500	ND	ND
Conclusion			Pass	Pass

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Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
			031	032
Soluble Antimony (Sb)	5.0	60	ND	ND
Soluble Arsenic (As)	2.5	25	ND	ND
Soluble Barium (Ba)	5.0	1000	ND	ND
Soluble Cadmium (Cd)	5.0	75	ND	ND
Soluble Chromium (Cr)	5.0	60	ND	ND
Soluble Lead (Pb)	5.0	90	ND	ND
Soluble Mercury (Hg)	5.0	60	ND	ND
Soluble Selenium (Se)	5.0	500	ND	ND
Conclusion			Pass	Pass

Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
			033	034
Soluble Antimony (Sb)	5.0	60	ND	ND
Soluble Arsenic (As)	2.5	25	ND	ND
Soluble Barium (Ba)	5.0	1000	ND	6.24
Soluble Cadmium (Cd)	5.0	75	ND	ND
Soluble Chromium (Cr)	5.0	60	ND	ND
Soluble Lead (Pb)	5.0	90	ND	ND
Soluble Mercury (Hg)	5.0	60	ND	ND
Soluble Selenium (Se)	5.0	500	ND	ND
Conclusion			Pass	Pass

Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
			035	036
Soluble Antimony (Sb)	5.0	60	ND	ND
Soluble Arsenic (As)	2.5	25	ND	ND
Soluble Barium (Ba)	5.0	1000	100	ND
Soluble Cadmium (Cd)	5.0	75	ND	ND
Soluble Chromium (Cr)	5.0	60	ND	ND
Soluble Lead (Pb)	5.0	90	ND	ND
Soluble Mercury (Hg)	5.0	60	ND	ND
Soluble Selenium (Se)	5.0	500	ND	ND
Conclusion			Pass	Pass

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Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
			037	038
Soluble Antimony (Sb)	5.0	60	NA	ND
Soluble Arsenic (As)	2.5	25	NA	ND
Soluble Barium (Ba)	5.0	1000	NA	ND
Soluble Cadmium (Cd)	5.0	75	NA	ND
Soluble Chromium (Cr)	5.0	60	NA	ND
Soluble Lead (Pb)	5.0	90	NA	ND
Soluble Mercury (Hg)	5.0	60	NA	ND
Soluble Selenium (Se)	5.0	500	NA	ND
Conclusion			-	Pass

Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
			039	040
Soluble Antimony (Sb)	5.0	60	ND	NA
Soluble Arsenic (As)	2.5	25	ND	NA
Soluble Barium (Ba)	5.0	1000	ND	NA
Soluble Cadmium (Cd)	5.0	75	ND	NA
Soluble Chromium (Cr)	5.0	60	ND	NA
Soluble Lead (Pb)	5.0	90	ND	NA
Soluble Mercury (Hg)	5.0	60	ND	NA
Soluble Selenium (Se)	5.0	500	ND	NA
Conclusion			Pass	-

Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
			041	042
Soluble Antimony (Sb)	5.0	60	ND	ND
Soluble Arsenic (As)	2.5	25	ND	ND
Soluble Barium (Ba)	5.0	1000	ND	ND
Soluble Cadmium (Cd)	5.0	75	ND	ND
Soluble Chromium (Cr)	5.0	60	ND	ND
Soluble Lead (Pb)	5.0	90	ND	ND
Soluble Mercury (Hg)	5.0	60	ND	ND
Soluble Selenium (Se)	5.0	500	ND	ND
Conclusion			Pass	Pass

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Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
			043	044
Soluble Antimony (Sb)	5.0	60	ND	ND
Soluble Arsenic (As)	2.5	25	ND	ND
Soluble Barium (Ba)	5.0	1000	ND	ND
Soluble Cadmium (Cd)	5.0	75	ND	ND
Soluble Chromium (Cr)	5.0	60	ND	ND
Soluble Lead (Pb)	5.0	90	ND	ND
Soluble Mercury (Hg)	5.0	60	ND	ND
Soluble Selenium (Se)	5.0	500	ND	ND
Conclusion			Pass	Pass

Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
			045	046
Soluble Antimony (Sb)	5.0	60	ND	7.90
Soluble Arsenic (As)	2.5	25	ND	ND
Soluble Barium (Ba)	5.0	1000	ND	ND
Soluble Cadmium (Cd)	5.0	75	ND	ND
Soluble Chromium (Cr)	5.0	60	ND	ND
Soluble Lead (Pb)	5.0	90	ND	ND
Soluble Mercury (Hg)	5.0	60	ND	ND
Soluble Selenium (Se)	5.0	500	ND	ND
Conclusion			Pass	Pass

Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
			047	048
Soluble Antimony (Sb)	5.0	60	ND	ND
Soluble Arsenic (As)	2.5	25	ND	ND
Soluble Barium (Ba)	5.0	1000	ND	ND
Soluble Cadmium (Cd)	5.0	75	ND	ND
Soluble Chromium (Cr)	5.0	60	ND	ND
Soluble Lead (Pb)	5.0	90	ND	ND
Soluble Mercury (Hg)	5.0	60	ND	ND
Soluble Selenium (Se)	5.0	500	ND	ND
Conclusion			Pass	Pass

- Remark:
- Adjusted analytical result.
 - NA = With reference to ASTM F963-23, test portions where less than 10mg of material available are not tested.

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9. ASTM F963-23 Section 4.3.8 - Phthalates

Test with reference to in-house method, determination by GC-MS.

Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
					005+006+007	009+010+032
Dibutyl phthalate, (DBP)	84-74-2	%	0.005	0.1	ND	ND
Benzyl butyl phthalate, (BBP)	85-68-7	%	0.005	0.1	ND	ND
Bis (2-ethylhexyl) phthalate, (DEHP)	117-81-7	%	0.005	0.1	ND	ND
Di-isononyl phthalate, (DINP)	28553-12-0 /68515-48-0	%	0.005	0.1	ND	ND
Diisobutylphthalate, (DIBP)	84-69-5	%	0.005	0.1	ND	ND
Dipentyl phthalate (DPP)	131-18-0	%	0.005	0.1	ND	ND
Di-n-hexyl phthalate (DHP)	84-75-3	%	0.005	0.1	ND	ND
Dicyclohexyl phthalate (DCHP)	84-61-7	%	0.005	0.1	ND	ND
Conclusion					Pass	Pass

Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
					011+035+037	013+014+015
Dibutyl phthalate, (DBP)	84-74-2	%	0.005	0.1	ND	ND
Benzyl butyl phthalate, (BBP)	85-68-7	%	0.005	0.1	ND	ND
Bis (2-ethylhexyl) phthalate, (DEHP)	117-81-7	%	0.005	0.1	ND	ND
Di-isononyl phthalate, (DINP)	28553-12-0 /68515-48-0	%	0.005	0.1	ND	ND
Diisobutylphthalate, (DIBP)	84-69-5	%	0.005	0.1	ND	ND
Dipentyl phthalate (DPP)	131-18-0	%	0.005	0.1	ND	ND
Di-n-hexyl phthalate (DHP)	84-75-3	%	0.005	0.1	ND	ND
Dicyclohexyl phthalate (DCHP)	84-61-7	%	0.005	0.1	ND	ND
Conclusion					Pass	Pass

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Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
					016+017+021	022+026+027
Dibutyl phthalate, (DBP)	84-74-2	%	0.005	0.1	ND	ND
Benzyl butyl phthalate, (BBP)	85-68-7	%	0.005	0.1	ND	ND
Bis (2-ethylhexyl) phthalate, (DEHP)	117-81-7	%	0.005	0.1	ND	ND
Di-isononyl phthalate, (DINP)	28553-12-0 /68515-48-0	%	0.005	0.1	ND	ND
Diisobutylphthalate, (DIBP)	84-69-5	%	0.005	0.1	ND	ND
Dipentyl phthalate (DPP)	131-18-0	%	0.005	0.1	ND	ND
Di-n-hexyl phthalate (DHP)	84-75-3	%	0.005	0.1	ND	ND
Dicyclohexyl phthalate (DCHP)	84-61-7	%	0.005	0.1	ND	ND
Conclusion					Pass	Pass

Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
					028+034+036	033
Dibutyl phthalate, (DBP)	84-74-2	%	0.005	0.1	ND	ND
Benzyl butyl phthalate, (BBP)	85-68-7	%	0.005	0.1	ND	ND
Bis (2-ethylhexyl) phthalate, (DEHP)	117-81-7	%	0.005	0.1	ND	ND
Di-isononyl phthalate, (DINP)	28553-12-0 /68515-48-0	%	0.005	0.1	ND	ND
Diisobutylphthalate, (DIBP)	84-69-5	%	0.005	0.1	ND	ND
Dipentyl phthalate (DPP)	131-18-0	%	0.005	0.1	ND	ND
Di-n-hexyl phthalate (DHP)	84-75-3	%	0.005	0.1	ND	ND
Dicyclohexyl phthalate (DCHP)	84-61-7	%	0.005	0.1	ND	ND
Conclusion					Pass	Pass

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Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
					040	042+043+044
Dibutyl phthalate, (DBP)	84-74-2	%	0.005	0.1	ND	ND
Benzyl butyl phthalate, (BBP)	85-68-7	%	0.005	0.1	ND	ND
Bis (2-ethylhexyl) phthalate, (DEHP)	117-81-7	%	0.005	0.1	ND	ND
Di-isononyl phthalate, (DINP)	28553-12-0 / 68515-48-0	%	0.005	0.1	ND	ND
Diisobutylphthalate, (DIBP)	84-69-5	%	0.005	0.1	ND	ND
Dipentyl phthalate (DPP)	131-18-0	%	0.005	0.1	ND	ND
Di-n-hexyl phthalate (DHP)	84-75-3	%	0.005	0.1	ND	ND
Dicyclohexyl phthalate (DCHP)	84-61-7	%	0.005	0.1	ND	ND
Conclusion					Pass	Pass

Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
					045+047	049
Dibutyl phthalate, (DBP)	84-74-2	%	0.005	0.1	ND	ND
Benzyl butyl phthalate, (BBP)	85-68-7	%	0.005	0.1	ND	ND
Bis (2-ethylhexyl) phthalate, (DEHP)	117-81-7	%	0.005	0.1	ND	ND
Di-isononyl phthalate, (DINP)	28553-12-0 / 68515-48-0	%	0.005	0.1	ND	ND
Diisobutylphthalate, (DIBP)	84-69-5	%	0.005	0.1	ND	ND
Dipentyl phthalate (DPP)	131-18-0	%	0.005	0.1	ND	ND
Di-n-hexyl phthalate (DHP)	84-75-3	%	0.005	0.1	ND	ND
Dicyclohexyl phthalate (DCHP)	84-61-7	%	0.005	0.1	ND	ND
Conclusion					Pass	Pass

10. 16 CFR Part 1303 / CPSIA section 101(f) - Total Lead Content (surface coating)

Test with reference to CPSC-CH-E1003-09.1, determination by ICP-OES.

Sample	Unit	MDL	Limit	Result(s)	Conclusion
011+035+037	mg/kg	10.0	90	ND	Pass
040	mg/kg	10.0	90	ND	Pass

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11. 15 U.S.C. § 1278a / CPSIA section 101(a)(2) - Total lead content (Substrate)

Test with reference to CPSC-CH-E1001-08.3:2012 or CPSC-CH-E1002-08.3:2012, determination by ICP-OES.

Sample	Unit	MDL	Limit	Result(s)	Conclusion
005+006+007	mg/kg	10.0	100	ND	Pass
008	mg/kg	10.0	100	41.5	Pass
009+010+032	mg/kg	10.0	100	ND	Pass
012	mg/kg	10.0	100	43.6	Pass
013+014+015	mg/kg	10.0	100	ND	Pass
016+017+021	mg/kg	10.0	100	ND	Pass
022+026+027	mg/kg	10.0	100	ND	Pass
028+034+036	mg/kg	10.0	100	ND	Pass
033	mg/kg	10.0	100	ND	Pass
042+043+044	mg/kg	10.0	100	ND	Pass
045+047	mg/kg	10.0	100	ND	Pass

12. CPSIA, § 108, 16 CFR 1307- Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates

Test with reference to in-house method, determination by GC-MS.

Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
					005+006+007	009+010+032
Dibutyl phthalate, (DBP)	84-74-2	%	0.005	0.1	ND	ND
Benzyl butyl phthalate, (BBP)	85-68-7	%	0.005	0.1	ND	ND
Bis (2-ethylhexyl) phthalate, (DEHP)	117-81-7	%	0.005	0.1	ND	ND
Di-isononyl phthalate, (DINP)	28553-12-0 /68515-48-0	%	0.005	0.1	ND	ND
Diisobutylphthalate, (DIBP)	84-69-5	%	0.005	0.1	ND	ND
Dipentyl phthalate (DPP)	131-18-0	%	0.005	0.1	ND	ND
Di-n-hexyl phthalate (DHP)	84-75-3	%	0.005	0.1	ND	ND
Dicyclohexyl phthalate (DCHP)	84-61-7	%	0.005	0.1	ND	ND
Conclusion					Pass	Pass

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Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
					011+035+037	013+014+015
Dibutyl phthalate, (DBP)	84-74-2	%	0.005	0.1	ND	ND
Benzyl butyl phthalate, (BBP)	85-68-7	%	0.005	0.1	ND	ND
Bis (2-ethylhexyl) phthalate, (DEHP)	117-81-7	%	0.005	0.1	ND	ND
Di-isononyl phthalate, (DINP)	28553-12-0 /68515-48-0	%	0.005	0.1	ND	ND
Diisobutylphthalate, (DIBP)	84-69-5	%	0.005	0.1	ND	ND
Dipentyl phthalate (DPP)	131-18-0	%	0.005	0.1	ND	ND
Di-n-hexyl phthalate (DHP)	84-75-3	%	0.005	0.1	ND	ND
Dicyclohexyl phthalate (DCHP)	84-61-7	%	0.005	0.1	ND	ND
Conclusion					Pass	Pass

Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
					016+017+021	022+026+027
Dibutyl phthalate, (DBP)	84-74-2	%	0.005	0.1	ND	ND
Benzyl butyl phthalate, (BBP)	85-68-7	%	0.005	0.1	ND	ND
Bis (2-ethylhexyl) phthalate, (DEHP)	117-81-7	%	0.005	0.1	ND	ND
Di-isononyl phthalate, (DINP)	28553-12-0 /68515-48-0	%	0.005	0.1	ND	ND
Diisobutylphthalate, (DIBP)	84-69-5	%	0.005	0.1	ND	ND
Dipentyl phthalate (DPP)	131-18-0	%	0.005	0.1	ND	ND
Di-n-hexyl phthalate (DHP)	84-75-3	%	0.005	0.1	ND	ND
Dicyclohexyl phthalate (DCHP)	84-61-7	%	0.005	0.1	ND	ND
Conclusion					Pass	Pass

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Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
					028+034+036	033
Dibutyl phthalate, (DBP)	84-74-2	%	0.005	0.1	ND	ND
Benzyl butyl phthalate, (BBP)	85-68-7	%	0.005	0.1	ND	ND
Bis (2-ethylhexyl) phthalate, (DEHP)	117-81-7	%	0.005	0.1	ND	ND
Di-isononyl phthalate, (DINP)	28553-12-0 /68515-48-0	%	0.005	0.1	ND	ND
Diisobutylphthalate, (DIBP)	84-69-5	%	0.005	0.1	ND	ND
Dipentyl phthalate (DPP)	131-18-0	%	0.005	0.1	ND	ND
Di-n-hexyl phthalate (DHP)	84-75-3	%	0.005	0.1	ND	ND
Dicyclohexyl phthalate (DCHP)	84-61-7	%	0.005	0.1	ND	ND
Conclusion					Pass	Pass

Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
					040	042+043+044
Dibutyl phthalate, (DBP)	84-74-2	%	0.005	0.1	ND	ND
Benzyl butyl phthalate, (BBP)	85-68-7	%	0.005	0.1	ND	ND
Bis (2-ethylhexyl) phthalate, (DEHP)	117-81-7	%	0.005	0.1	ND	ND
Di-isononyl phthalate, (DINP)	28553-12-0 /68515-48-0	%	0.005	0.1	ND	ND
Diisobutylphthalate, (DIBP)	84-69-5	%	0.005	0.1	ND	ND
Dipentyl phthalate (DPP)	131-18-0	%	0.005	0.1	ND	ND
Di-n-hexyl phthalate (DHP)	84-75-3	%	0.005	0.1	ND	ND
Dicyclohexyl phthalate (DCHP)	84-61-7	%	0.005	0.1	ND	ND
Conclusion					Pass	Pass

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Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
					045+047	049
Dibutyl phthalate, (DBP)	84-74-2	%	0.005	0.1	ND	ND
Benzyl butyl phthalate, (BBP)	85-68-7	%	0.005	0.1	ND	ND
Bis (2-ethylhexyl) phthalate, (DEHP)	117-81-7	%	0.005	0.1	ND	ND
Di-isononyl phthalate, (DINP)	28553-12-0 /68515-48-0	%	0.005	0.1	ND	ND
Diisobutylphthalate, (DIBP)	84-69-5	%	0.005	0.1	ND	ND
Dipentyl phthalate (DPP)	131-18-0	%	0.005	0.1	ND	ND
Di-n-hexyl phthalate (DHP)	84-75-3	%	0.005	0.1	ND	ND
Dicyclohexyl phthalate (DCHP)	84-61-7	%	0.005	0.1	ND	ND
Conclusion					Pass	Pass

13. Canada Toys Regulations SOR/2011-17 Section 23 and SOR/2022-122 -Total Lead Content

Test with reference to CPSC-CH-E1002-08.3, determination by ICP-OES.

Sample	Unit	MDL	Limit	Result(s)	Conclusion
011	mg/kg	10.0	90	13.2	Pass
035	mg/kg	10.0	90	11.3	Pass
037	mg/kg	10.0	90	ND	Pass
040	mg/kg	10.0	90	ND	Pass

14. Canada Toys Regulations SOR/2011-17 Section 23 and SOR/2022-122-Total Mercury Content

Test with reference to Health Canada, Product Safety Reference Manual Book 5 –Laboratory Policies and Procedures, Part B: Test Methods Section, Method C-07, determination by ICP-OES.

Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
			011	035
Total Mercury	10.0	10	ND	ND
Conclusion			Pass	Pass

Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
			037	040
Total Mercury	10.0	10	ND	ND
Conclusion			Pass	Pass

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15. Canada Toys Regulations SOR/2011-17 Section 23 and SOR/2022-122- Migration of certain 5 Elements

Test with reference to EN 71-3:2019+A1:2021, determination by ICP-MS.

Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
			011	035
Soluble Antimony (Sb)	5.0	1000	ND	ND
Soluble Arsenic (As)	2.5	1000	ND	ND
Soluble Barium (Ba)	5.0	1000	107	143
Soluble Cadmium (Cd)	5.0	1000	ND	ND
Soluble Selenium (Se)	5.0	1000	ND	ND
Conclusion			Pass	Pass

Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
			037	040
Soluble Antimony (Sb)	5.0	1000	NA	NA
Soluble Arsenic (As)	2.5	1000	NA	NA
Soluble Barium (Ba)	5.0	1000	NA	NA
Soluble Cadmium (Cd)	5.0	1000	NA	NA
Soluble Selenium (Se)	5.0	1000	NA	NA
Conclusion			-	-

Note: 1. NA = With reference to EN 71-3:2019+A1:2021, test portions where less than 10mg of material available are not tested.

16. Canada Consumer Products Containing Lead Regulations (SOR/2018-83) -Total Lead Content

Test with reference to CPSC-CH-E1003-09.1:2011, CPSC-CH-E1001-08.3:2012 or CPSC-CH-E1002-08.3:2012, determination by ICP-OES.

Sample	Unit	MDL	Limit	Result(s)	Conclusion
005+006+007	mg/kg	10.0	90	ND	Pass
008	mg/kg	10.0	90	41.5	Pass
009+010+032	mg/kg	10.0	90	ND	Pass
011	mg/kg	10.0	90	13.2	Pass
012	mg/kg	10.0	90	43.6	Pass
013+014+015	mg/kg	10.0	90	ND	Pass
016+017+021	mg/kg	10.0	90	ND	Pass
022+026+027	mg/kg	10.0	90	ND	Pass
028+034+036	mg/kg	10.0	90	ND	Pass
033	mg/kg	10.0	90	ND	Pass
035	mg/kg	10.0	90	11.3	Pass
037	mg/kg	10.0	90	ND	Pass
040	mg/kg	10.0	90	ND	Pass
042+043+044	mg/kg	10.0	90	ND	Pass
045+047	mg/kg	10.0	90	ND	Pass

**17. Canada Consumer Product Safety Act (S.C. 2010, c. 21), Surface Coating Materials Regulations
SOR/2016-193 and SOR/2022-122- Total Lead Content**

Test with reference to CPSC-CH-E1003-09.1, determination by ICP-OES.

Sample	Unit	MDL	Limit	Result(s)	Conclusion
011	mg/kg	10.0	90	13.2	Pass
035	mg/kg	10.0	90	11.3	Pass
037	mg/kg	10.0	90	ND	Pass
040	mg/kg	10.0	90	ND	Pass

**18. Canada Consumer Product Safety Act (S.C. 2010, c. 21), Surface Coating Materials Regulations
SOR/2016-193 and SOR/2022-122 -Total Mercury Content**

Test with reference to Health Canada, Product Safety Reference Manual Book 5 –Laboratory Policies and Procedures, Part B: Test Methods Section, Method C-07, determination by ICP-OES .

Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
			011	035
Total Mercury	10.0	10	ND	ND
Conclusion			Pass	Pass

Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
			037	040
Total Mercury	10.0	10	ND	ND
Conclusion			Pass	Pass

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19. Canada Toys Regulations SOR/2011-17 Section 27(3)(a) &(b) - Total Lead

Test with reference to CPSC-CH-E1002-08.3 , determination by ICP-OES.

Sample	Unit	MDL	Limit	Result(s)	Conclusion
005	mg/kg	10.0	90	ND	Pass
006	mg/kg	10.0	90	ND	Pass
007	mg/kg	10.0	90	ND	Pass
009	mg/kg	10.0	90	ND	Pass
010	mg/kg	10.0	90	ND	Pass
013	mg/kg	10.0	90	ND	Pass
014	mg/kg	10.0	90	ND	Pass
015	mg/kg	10.0	90	ND	Pass
016	mg/kg	10.0	90	ND	Pass
017	mg/kg	10.0	90	ND	Pass
021	mg/kg	10.0	90	ND	Pass
022	mg/kg	10.0	90	ND	Pass
026	mg/kg	10.0	90	ND	Pass
027	mg/kg	10.0	90	ND	Pass
028	mg/kg	10.0	90	ND	Pass
032	mg/kg	10.0	90	ND	Pass
033	mg/kg	10.0	90	ND	Pass
034	mg/kg	10.0	90	ND	Pass
036	mg/kg	10.0	90	ND	Pass
042	mg/kg	10.0	90	ND	Pass
043	mg/kg	10.0	90	ND	Pass
044	mg/kg	10.0	90	ND	Pass
045	mg/kg	10.0	90	ND	Pass
047	mg/kg	10.0	90	ND	Pass

20. Canada Toys Regulations SOR/2011-17 Section 27(3)(a) &(b) - Migration of certain 7 Elements

Test with reference to ASTM F963-23 Section 8.3, determination by ICP-MS.

Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
			005	006
Soluble Antimony	5.0	60	ND	ND
Soluble Arsenic	5.0	25	ND	ND
Soluble Cadmium	5.0	75	ND	ND
Soluble Selenium	5.0	500	ND	ND
Soluble Mercury	5.0	60	ND	ND
Soluble Chromium	5.0	60	ND	ND
Soluble Barium	5.0	1000	ND	ND
Conclusion			Pass	Pass

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Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
			007	009
Soluble Antimony	5.0	60	ND	ND
Soluble Arsenic	5.0	25	ND	ND
Soluble Cadmium	5.0	75	ND	ND
Soluble Selenium	5.0	500	ND	ND
Soluble Mercury	5.0	60	ND	ND
Soluble Chromium	5.0	60	ND	ND
Soluble Barium	5.0	1000	ND	ND
Conclusion			Pass	Pass

Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
			010	013
Soluble Antimony	5.0	60	ND	ND
Soluble Arsenic	5.0	25	ND	ND
Soluble Cadmium	5.0	75	ND	ND
Soluble Selenium	5.0	500	ND	ND
Soluble Mercury	5.0	60	ND	ND
Soluble Chromium	5.0	60	ND	ND
Soluble Barium	5.0	1000	ND	ND
Conclusion			Pass	Pass

Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
			014	015
Soluble Antimony	5.0	60	ND	ND
Soluble Arsenic	5.0	25	ND	ND
Soluble Cadmium	5.0	75	ND	ND
Soluble Selenium	5.0	500	ND	ND
Soluble Mercury	5.0	60	ND	ND
Soluble Chromium	5.0	60	ND	ND
Soluble Barium	5.0	1000	ND	ND
Conclusion			Pass	Pass

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Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
			016	017
Soluble Antimony	5.0	60	ND	ND
Soluble Arsenic	5.0	25	ND	ND
Soluble Cadmium	5.0	75	ND	ND
Soluble Selenium	5.0	500	ND	ND
Soluble Mercury	5.0	60	ND	ND
Soluble Chromium	5.0	60	ND	ND
Soluble Barium	5.0	1000	ND	ND
Conclusion			Pass	Pass

Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
			021	022
Soluble Antimony	5.0	60	ND	ND
Soluble Arsenic	5.0	25	ND	ND
Soluble Cadmium	5.0	75	ND	ND
Soluble Selenium	5.0	500	ND	ND
Soluble Mercury	5.0	60	ND	ND
Soluble Chromium	5.0	60	ND	ND
Soluble Barium	5.0	1000	ND	ND
Conclusion			Pass	Pass

Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
			026	027
Soluble Antimony	5.0	60	ND	ND
Soluble Arsenic	5.0	25	ND	ND
Soluble Cadmium	5.0	75	ND	ND
Soluble Selenium	5.0	500	ND	ND
Soluble Mercury	5.0	60	ND	ND
Soluble Chromium	5.0	60	ND	ND
Soluble Barium	5.0	1000	ND	ND
Conclusion			Pass	Pass

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Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
			028	032
Soluble Antimony	5.0	60	ND	ND
Soluble Arsenic	5.0	25	ND	ND
Soluble Cadmium	5.0	75	ND	ND
Soluble Selenium	5.0	500	ND	ND
Soluble Mercury	5.0	60	ND	ND
Soluble Chromium	5.0	60	ND	ND
Soluble Barium	5.0	1000	ND	ND
Conclusion			Pass	Pass

Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
			033	034
Soluble Antimony	5.0	60	ND	ND
Soluble Arsenic	5.0	25	ND	ND
Soluble Cadmium	5.0	75	ND	ND
Soluble Selenium	5.0	500	ND	ND
Soluble Mercury	5.0	60	ND	ND
Soluble Chromium	5.0	60	ND	ND
Soluble Barium	5.0	1000	ND	6.2
Conclusion			Pass	Pass

Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
			036	042
Soluble Antimony	5.0	60	ND	ND
Soluble Arsenic	5.0	25	ND	ND
Soluble Cadmium	5.0	75	ND	ND
Soluble Selenium	5.0	500	ND	ND
Soluble Mercury	5.0	60	ND	ND
Soluble Chromium	5.0	60	ND	ND
Soluble Barium	5.0	1000	ND	ND
Conclusion			Pass	Pass

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Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
			043	044
Soluble Antimony	5.0	60	ND	ND
Soluble Arsenic	5.0	25	ND	ND
Soluble Cadmium	5.0	75	ND	ND
Soluble Selenium	5.0	500	ND	ND
Soluble Mercury	5.0	60	ND	ND
Soluble Chromium	5.0	60	ND	ND
Soluble Barium	5.0	1000	ND	ND
Conclusion			Pass	Pass

Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
			045	047
Soluble Antimony	5.0	60	ND	ND
Soluble Arsenic	5.0	25	ND	ND
Soluble Cadmium	5.0	75	ND	ND
Soluble Selenium	5.0	500	ND	ND
Soluble Mercury	5.0	60	ND	ND
Soluble Chromium	5.0	60	ND	ND
Soluble Barium	5.0	1000	ND	ND
Conclusion			Pass	Pass

Note: 1. Adjusted analytical result.

21. Canada Phthalates Regulations (SOR/2016-188) - Phthalates Content

Test with reference to CPSC-CH-C1001-09.4:2018, determination by GC-MS.

Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
					005+006+007	009+010+032
Bis (2-ethylhexyl) phthalate, (DEHP)	117-81-7	%	0.005	0.1	ND	ND
Dibutyl phthalate, (DBP)	84-74-2	%	0.005	0.1	ND	ND
Benzyl butyl phthalate, (BBP)	85-68-7	%	0.005	0.1	ND	ND
Di-isodecyl phthalate, (DIDP)	26761-40-0 /68515-49-1	%	0.005	0.1	ND	ND
Di-isononyl phthalate, (DINP)	28553-12-0 /68515-48-0	%	0.005	0.1	ND	ND
Di-n-octyl phthalate, (DNOP)	117-84-0	%	0.005	0.1	ND	ND
Conclusion					Pass	Pass

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Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
					011+035+037	013+014+015
Bis (2-ethylhexyl) phthalate, (DEHP)	117-81-7	%	0.005	0.1	ND	ND
Dibutyl phthalate, (DBP)	84-74-2	%	0.005	0.1	ND	ND
Benzyl butyl phthalate, (BBP)	85-68-7	%	0.005	0.1	ND	ND
Di-isodecyl phthalate, (DIDP)	26761-40-0 /68515-49-1	%	0.005	0.1	ND	ND
Di-isononyl phthalate, (DINP)	28553-12-0 /68515-48-0	%	0.005	0.1	ND	ND
Di-n-octyl phthalate, (DNOP)	117-84-0	%	0.005	0.1	ND	ND
Conclusion					Pass	Pass

Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
					016+017+021	022+026+027
Bis (2-ethylhexyl) phthalate, (DEHP)	117-81-7	%	0.005	0.1	ND	ND
Dibutyl phthalate, (DBP)	84-74-2	%	0.005	0.1	ND	ND
Benzyl butyl phthalate, (BBP)	85-68-7	%	0.005	0.1	ND	ND
Di-isodecyl phthalate, (DIDP)	26761-40-0 /68515-49-1	%	0.005	0.1	ND	ND
Di-isononyl phthalate, (DINP)	28553-12-0 /68515-48-0	%	0.005	0.1	ND	ND
Di-n-octyl phthalate, (DNOP)	117-84-0	%	0.005	0.1	ND	ND
Conclusion					Pass	Pass

Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
					028+034+036	033
Bis (2-ethylhexyl) phthalate, (DEHP)	117-81-7	%	0.005	0.1	ND	ND
Dibutyl phthalate, (DBP)	84-74-2	%	0.005	0.1	ND	ND
Benzyl butyl phthalate, (BBP)	85-68-7	%	0.005	0.1	ND	ND
Di-isodecyl phthalate, (DIDP)	26761-40-0 /68515-49-1	%	0.005	0.1	ND	ND
Di-isononyl phthalate, (DINP)	28553-12-0 /68515-48-0	%	0.005	0.1	ND	ND
Di-n-octyl phthalate, (DNOP)	117-84-0	%	0.005	0.1	ND	ND
Conclusion					Pass	Pass

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Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
					040	042+043+044
Bis (2-ethylhexyl) phthalate, (DEHP)	117-81-7	%	0.005	0.1	ND	ND
Dibutyl phthalate, (DBP)	84-74-2	%	0.005	0.1	ND	ND
Benzyl butyl phthalate, (BBP)	85-68-7	%	0.005	0.1	ND	ND
Di-isodecyl phthalate, (DIDP)	26761-40-0 /68515-49-1	%	0.005	0.1	ND	ND
Di-isononyl phthalate, (DINP)	28553-12-0 /68515-48-0	%	0.005	0.1	ND	ND
Di-n-octyl phthalate, (DNOP)	117-84-0	%	0.005	0.1	ND	ND
Conclusion					Pass	Pass

Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
					045+047	049
Bis (2-ethylhexyl) phthalate, (DEHP)	117-81-7	%	0.005	0.1	ND	ND
Dibutyl phthalate, (DBP)	84-74-2	%	0.005	0.1	ND	ND
Benzyl butyl phthalate, (BBP)	85-68-7	%	0.005	0.1	ND	ND
Di-isodecyl phthalate, (DIDP)	26761-40-0 /68515-49-1	%	0.005	0.1	ND	ND
Di-isononyl phthalate, (DINP)	28553-12-0 /68515-48-0	%	0.005	0.1	ND	ND
Di-n-octyl phthalate, (DNOP)	117-84-0	%	0.005	0.1	ND	ND
Conclusion					Pass	Pass

22. EN 71-1:2014+A1:2018 Mechanical and Physical Properties

Sample	001,002,003,004
Labelled age range	12-60 months
Requested age range	From 12 to 60 months
Age range in testing	From 12 to 60 months

Clause	Requirement	Evaluation
4	General Requirements	--
4.1	Material cleanliness	P
4.2	Assembly	P
4.7	Edges	P
4.8	Points and metallic wires	P
4.9	Protruding parts	P
4.15	Toys intended to bear the mass of a child	P
5	Toys intended for children under 36 months	--
5.1	General requirements	P
5.2	Soft-filled toys and soft-filled parts of a toy	P
6	Packaging	P
7	Warnings, markings and instructions for use	--
7.1	General	P
7.10	Roller skates, inline skates, skateboards and certain other ride-on toys	P

Abbreviation:

P = Pass, F = Fail, NA = Not Applicable, NR = Not Requested.

Note:

Only applicable clauses were shown.

Labelling requirement (Washing/Cleaning instruction, CE marking, Importer/Manufacturer name and address, Product identification) according to the Directive 2009/48/EC-Safety of toys.

	On Package	On Product
Washing/Cleaning instruction	Not Applicable	Not Applicable
A toy intended for use by children under 36 months must be designed and manufactured in such a way that it can be cleaned. A textile toy must, to this end, be washable, except if it contains a mechanism that may be damaged if soaked. The manufacturer should, if applicable, provide instructions on how the toy has to be cleaned.		

	On Package	On Product
CE Marking	Present (Dimension: more than 5mm)	Present (Dimension: more than 5mm)
(EU) Manufacturer's Name and Address	Present	Present
(EU) Importer's Name and Address	Present	Present
Product Identification	Present	Present

The following marking shall be fulfilled.

- The CE marking is subject to the general principles set out in Article 30 of Regulation (EC) No 765/2008. The CE marking shall be affixed visibly, legibly and indelibly to the toy, to an affixed label to the packaging, or to the counter display.

- The manufacturer's name and address, importer's name and address in the EU shall be indicated on the toy or, where that is not possible, on its packaging or in a document accompanying the toy.

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- The toys shall bear a type, batch, serial or model number or other element allowing their identification, or where the size or nature of the toy does not allow it, that the required information is provided on the packaging or in a document accompanying the toy.

23. EN 71-2:2020 Flammability

Sample		001,002,003,004
Clause	Requirement	Evaluation
4.1	General Requirement	P

Abbreviation:

P = Pass, F = Fail, NA = Not Applicable, NR = Not Requested.

Note:

Only applicable clauses were shown.

24. Tracking label per Consumer Product Safety Improvement Act (CPSIA) of 2008 section 103 Tracking labels for children's products

Sample		001,002,003,004
Section	Requirement	Evaluation
Tracking labels for children's products	A permanent and distinguishing mark or code on the product and its packaging, to the extent practicable, allows the manufacturer and purchaser to ascertain the name of the manufacturer or private labeler, location and date of production of the product.	P#1

Abbreviation:

P = Pass, F = Fail, NA = Not Applicable, NR = Not Requested.

Note:

The tracking label assessment was based on the submitted samples and the information provided by the applicant. There was no verification on the validity of such information.

Remark:

#1=Permanency of tracking on product was not assessed, due to artwork of tracking label was provided during testing.

25. ASTM F963-23 Standard Consumer Safety Specification for Toy Safety - Physical and Mechanical

Sample		001,002,003,004
Labelled age range		12-60 months
Requested age range		From 12 to 60 months
Age range in testing		From 12 to 60 months
Section	Requirement	Evaluation
4	Safety Requirements	--
4.1	Material Quality	P
4.3.7	Stuffing Materials	P
4.6	Small Objects	P
4.7	Accessible Edges	P
4.8	Projections	P
4.9	Accessible Points	P
4.11	Nails and Fasteners	P
4.12	Plastic Film	P
4.13	Folding Mechanisms and Hinges	P
4.15	Stability and Over-load Requirements	P
4.17	Wheels, Tires, and Axles	P
4.18	Holes, Clearance, and Accessibility of Mechanisms	P
4.27	Stuffed and Beanbag-Type Toys	P
5	Labeling Requirements	--
5.1.2	Tracking Label	P
5.2	Age Grading Labeling	P
5.15	Promotional Materials	P
6	Instructional Literature	--
6.1	Definition and Description	P
7	Producer's Markings	--
7.1	Name and Address of the Producer or Distributor	P

Abbreviation:

P = Pass, F = Fail, NA = Not Applicable, NR = Not Requested.

Note:

Only applicable clauses were shown.

26. ASTM F963-23 Standard Consumer Safety Specification for Toy Safety - Flammability Test of Materials Other Than Textile Materials

As per Section 4.2 of ASTM F963-23 Standard Consumer Safety Specification for Toy Safety

Sample:	001,002,003,004
Result: Ignited but Self-Extinguished before Burn Rate Could be Determined	

Note:

The submitted samples were tested, the above result only showed the most severe burn rate of the samples.

27. Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 + SOR/2018-138 - Physical & Mechanical

Sample	001,002,003,004
Labelled age range	12-60 months
Requested age range	From 12 to 60 months
Age range in testing	From 12 to 60 months

Section	Requirement	Evaluation
3	Official languages	P
4	Packaging	P
7	Small parts	P
8	Metal edges	P
10	Plastic edges	P
13	Fasteners	P
14	Safety stops or locking devices	P
29	Dolls, Plush toys and Soft Toys - Stuffing	P
36	Plant seeds - stuffing material	P
37	Pull and Push Toys - Shaft-like handles	P

Abbreviation:

P = Pass, F = Fail, NA = Not Applicable, NR = Not Requested.

Note:

Only applicable sections were shown.

28. Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 + SOR/2018-138 - Flammability Section 21 and 32

Sample		001,002,003,004
Section	Requirement	Evaluation
21	Celluloid or cellulose nitrate	P
32	Flammability of outer covering Outside the scope of CNAS accreditation	P

Abbreviation:

P = Pass, F = Fail, NA = Not Applicable, NR = Not Requested.

Note:

Only applicable section was shown.

-End of Test Report-