

Test Report

No.: CZHL2303000922ST

Date: MAR. 08, 2023

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CZHL2303000922ST



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Test Results:

1. Safety Of Toys Part 1: Safety Aspects Related To Mechanical And Physical Properties (AS/NZS ISO 8124.1:2019+A1:2020+A2:2020)

Clause	Test Description	Result
4 Requirements		
4.1	Normal use	Pass
4.2	Reasonably foreseeable abuse	Pass
4.3 Material		
4.3.1	Material quality (Visual Examination)	Pass
4.6 Edges		
4.6.2	Functional sharp edges	Pass
4.7 Points		
4.7.2	Functional sharp points	Pass
4.10	Plastic film or plastic bags in packaging and in toys	Pass
Annex B Safety-labelling guidelines and manufacturer's markings		
B.2 Safety-labelling Guidelines		
B.2.1	Good practice for visibility and legibility	See Remark
	Remark: The standard has introduced good practice by addressing the following aspects: a) Emphasising the warning b) Contrast, background and colours c) Reflecting surfaces and obscuring material d) Font type e) Font and symbol size f) Logical direction of text	
B.2.2	Age grading	See Remark
	Remark: The toy or package should indicate the minimum age for intended use.	
B.2.12	Toys with functional sharp edges and functional sharp points	Pass
B.4	Manufacturer's markings	Pass

2. Safety Of Toys. Part 2: Flammability (AS/NZS 8124.2:2016)

Clause	Test Description	Result
4 Requirements		
4.1	General	Pass



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3. AS/NZS ISO 8124.3:2021-Migration of Certain Elements

Test Method: With reference to AS/NZS ISO 8124.3:2021, analysis was performed by ICP-OES.

Result Data:

Test Item(s)	Limit	Units	MDL	A1	A2	A3
Soluble Lead(Pb)	90	mg/kg	5	ND	ND	ND
Soluble Antimony(Sb)	60	mg/kg	5	ND	ND	ND
Soluble Arsenic(As)	25	mg/kg	2.5	ND	ND	ND
Soluble Barium(Ba)	1000	mg/kg	10	ND	ND	ND
Soluble Cadmium(Cd)	75	mg/kg	5	ND	ND	ND
Soluble Chromium(Cr)	60	mg/kg	5	ND	ND	ND
Soluble Mercury(Hg)	60	mg/kg	5	ND	ND	ND
Soluble Selenium(Se)	500	mg/kg	10	ND	ND	ND
Conclusion				Pass	Pass	Pass

Test Item(s)	Limit	Units	MDL	A4	A5	A6
Soluble Lead(Pb)	90	mg/kg	5	ND	ND	ND
Soluble Antimony(Sb)	60	mg/kg	5	ND	ND	ND
Soluble Arsenic(As)	25	mg/kg	2.5	ND	ND	ND
Soluble Barium(Ba)	1000	mg/kg	10	ND	ND	ND
Soluble Cadmium(Cd)	75	mg/kg	5	ND	ND	ND
Soluble Chromium(Cr)	60	mg/kg	5	ND	ND	ND
Soluble Mercury(Hg)	60	mg/kg	5	ND	ND	ND
Soluble Selenium(Se)	500	mg/kg	10	ND	ND	ND
Conclusion				Pass	Pass	Pass

Test Item(s)	Limit	Units	MDL	A7	A8	A9
Soluble Lead(Pb)	90	mg/kg	5	ND	ND	ND
Soluble Antimony(Sb)	60	mg/kg	5	ND	ND	ND
Soluble Arsenic(As)	25	mg/kg	2.5	ND	ND	ND
Soluble Barium(Ba)	1000	mg/kg	10	ND	ND	ND
Soluble Cadmium(Cd)	75	mg/kg	5	ND	ND	ND
Soluble Chromium(Cr)	60	mg/kg	5	ND	ND	ND



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Test Item(s)	Limit	Units	MDL	A7	A8	A9
Soluble Mercury(Hg)	60	mg/kg	5	ND	ND	ND
Soluble Selenium(Se)	500	mg/kg	10	ND	ND	ND
Conclusion				Pass	Pass	Pass

Test Item(s)	Limit	Units	MDL	A10	A11	A12
Soluble Lead(Pb)	90	mg/kg	5	ND	ND	ND
Soluble Antimony(Sb)	60	mg/kg	5	ND	ND	ND
Soluble Arsenic(As)	25	mg/kg	2.5	ND	ND	ND
Soluble Barium(Ba)	1000	mg/kg	10	ND	ND	ND
Soluble Cadmium(Cd)	75	mg/kg	5	ND	ND	ND
Soluble Chromium(Cr)	60	mg/kg	5	ND	ND	ND
Soluble Mercury(Hg)	60	mg/kg	5	ND	ND	ND
Soluble Selenium(Se)	500	mg/kg	10	ND	ND	ND
Conclusion				Pass	Pass	Pass

Test Item(s)	Limit	Units	MDL	A13	A14
Soluble Lead(Pb)	90	mg/kg	5	ND	ND
Soluble Antimony(Sb)	60	mg/kg	5	ND	ND
Soluble Arsenic(As)	25	mg/kg	2.5	ND	ND
Soluble Barium(Ba)	1000	mg/kg	10	ND	ND
Soluble Cadmium(Cd)	75	mg/kg	5	ND	ND
Soluble Chromium(Cr)	60	mg/kg	5	ND	ND
Soluble Mercury(Hg)	60	mg/kg	5	ND	ND
Soluble Selenium(Se)	500	mg/kg	10	ND	ND
Conclusion				Pass	Pass

Notes:

(1) Results shown are of the adjusted analytical results.

Remark:

The test results of sample CZXHL22000805701.A1-A14 are taken from sample No. CZXHL22000805401.A2-A15.



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Photo Appendix

Photo relative to overall specimen:



Received Sample

Test Part Description :

SN ID.	Sample No.	Description
SN1	A1	Black/Light red plastic
SN2	A2	Purple plastic with white coating
SN3	A3	Dark purple plastic
SN4	A4	Matt dark purple plastic
SN5	A5	Pink plastic
SN6	A6	Dark blue plastic with white coating
SN7	A7	Matt pink plastic
SN8	A8	Dark green plastic with white coating
SN9	A9	Yellow plastic
SN10	A10	Matt yellow plastic
SN11	A11	Matt red plastic
SN12	A12	Orange plastic with white coating
SN13	A13	Red plastic
SN14	A14	Green plastic with white coating

Result/Rating/Record Key(s)

- I. Result/Rating Keys: P = Pass = Meet; F = Fail = Not Meet; N/A = Not applicable = Not suitable; NR = NC = Test not conduct/requested per client request; TT = Test terminated due to the earlier failure of last test.



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II. Record Keys: "C:" means Claimed parameter; "A:" means Actual recorded from test; "D:" means Data for reference only.

General Report Note(s)

- A. N.B. Only applicable clauses were shown.
- B. (1) 1mg/kg = 0.0001% (2) MDL = Method Detection Limit (3) ND = Not Detected (< MDL)
(4) "-" = Not Regulated
- C. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.
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