

Test report

T-25100896-20-R1



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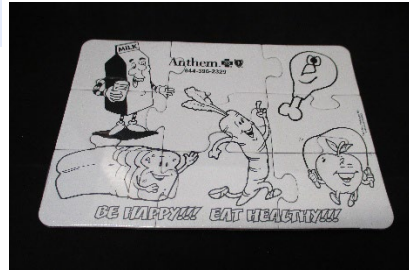
Overall result

Pass

Please refer to the following pages for test result summary and notes.

Client information

Client: The Chest
Address: 2 Pauwels Drive
Washington, MO 63090
United States



Sample information

Description: Coloring Puzzle - 80 # Accent Smooth Printed and Mounted to 60pt Graphic Board, Assembled and Shrink-Wrapped to Backerboard Made of Same 60pt Graphic Board. Puzzle is Digitally Printed, No Coating. Shrink-Wrap is 60 Gauge.	
SKU/style #: PZ-269, PZ264, PZ-236C or any custom puzzle produced using same materials/print method	Purchase order #: 250485-00
Assortment: -	Labeled age grade: -
Manufacturer / factory: The Chest	Requested age grade: 3+
Supplier: -	Recommended age grade: -
Country of origin: USA	Tested age grade: Over 3 years of age
Country of distribution: USA	
Quantity submitted: 4	

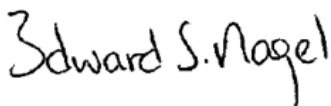
General information

Sample receipt date: 04-Dec-2025

Report date: 09-Dec-2025

Testing period: 04-Dec-2025 to 09-Dec-2025

QIMA (US), LLC



Edward Nagel
Manager, Laboratory Operations

The test(s) reported herein is/are accredited under the laboratory's ISO/IEC 17025 accreditation issued by the ANSI National Accreditation Board (ANAB) according to the certificate and scope of accreditation (Certificate # AT-1407.) Test(s) marked with '▲' is/are not covered under the scope of accreditation. ANAB is recognized by ILAC, APAC and IAAC as a signatory of multilateral recognition arrangements that facilitate acceptance of tests internationally.



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Result summary

At the request of the client, the following tests were conducted:

Test(s) conducted	Conclusion
CPSIA Section 101, Children's Products Containing Lead (Substrates)	Pass
CPSIA Section 106 & ASTM F963-17 Section 4.3.5.2, Soluble Heavy Metals Content in Substrates	Pass
16 CFR 1307 Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates (8)	Pass
Client Requirement, California Proposition 65, Phthalate Content (6)	Pass
CPSIA Section 106, ASTM F963-17 & 16 CFR 1500 (FHSA), Mechanical Hazards (Requested Sections)	Pass
16 CFR 1500.3(c)(6)(vi) & ASTM F963-17, Flammability of Solids	Pass

Note: At the request of the client, a labeling evaluation was not conducted.





Detailed results

CPSIA Section 101, Children's Products Containing Lead (Substrates)

CPSIA Section 106 & ASTM F963-17 Section 4.3.5.2, Soluble Heavy Metals Content in Substrates

Analytical determination by ICP-OES

(Method: CPSC-CH-E1001-08.3, Metals and/or CPSC-CH-E1002-08.3 Non-Metals)

	Specimen No.						
	1	2	-	-	-	-	
	Total Result	Total Result	Total Result	Total Result	Total Result	Total Result	
Lead (Pb)	LT 6	LT 5	-	-	-	-	CPSIA Total Limit
							100 ppm
	Total Result	Total Result	Total Result	Total Result	Total Result	Total Result	ASTM F963 Soluble Limits
Antimony (Sb)	LT 5	LT 5	-	-	-	-	60 ppm
Arsenic (As)	LT 5	LT 5	-	-	-	-	25 ppm
Barium (Ba)	LT 5	58	-	-	-	-	1000 ppm
Cadmium (Cd)	LT 5	LT 5	-	-	-	-	75 ppm
Chromium (Cr)	LT 5	8	-	-	-	-	60 ppm
Lead (Pb)	LT 6	LT 5	-	-	-	-	90 ppm
Mercury (Hg)	LT 5	LT 5	-	-	-	-	60 ppm
Selenium (Se)	LT 12	LT 6	-	-	-	-	500 ppm
Conclusion	Pass	Pass	-	-	-	-	

LT = Less Than

Results are reported in parts per million (ppm)

Note: The total heavy metals results do not exceed the soluble heavy metals limits; therefore, further soluble analyses were not conducted.



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Detailed results

16 CFR 1307 Prohibition of Children’s Toys and Child Care Articles Containing Specified Phthalates (8) Client Requirement, California Proposition 65, Phthalate Content (6)

Analytical determination by GC/MS (Method: CPSC-CH-C1001-09.4)

Phthalate	Specimen No.				16 CFR 1307 Limits (%)	Client Limits, Cal Prop (%)
	1	2	-	-		
Dibutyl Phthalate (DBP)	LT 0.01	LT 0.01	-	-	0.1	0.1
Benzyl Butyl Phthalate (BBP)	LT 0.01	LT 0.01	-	-	0.1	0.1
Di-(2-ethylhexyl) Phthalate (DEHP)	LT 0.01	LT 0.01	-	-	0.1	0.1
diisobutyl phthalate (DiBP)	LT 0.01	LT 0.01	-	-	0.1	-
Diisononyl Phthalate (DINP)	LT 0.02	LT 0.02	-	-	0.1	0.1
Diisodecyl Phthalate (DIDP)	LT 0.02	LT 0.02	-	-	-	0.1
Di-n-hexyl Phthalate (DnHP)	LT 0.01	LT 0.01	-	-	0.1	0.1
di-n-pentyl phthalate (DnPP/DPENP)	LT 0.01	LT 0.01	-	-	0.1	-
dicyclohexyl phthalate (DCHP)	LT 0.01	LT 0.01	-	-	0.1	-
Conclusion	Pass	Pass	-	-		

LT = Less Than

Results reported as percent by weight



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Detailed results

CPSIA Section 106, Mandatory Toy Safety Standard ASTM F963-17, Mechanical Hazards (Requested Sections) 16 CFR 1500, Federal Hazardous Substances Act (FHSA), Mechanical Hazards

Mechanical hazards evaluated as described in 16 CFR 1500.51-1500.53 and ASTM F963-17, as applicable.

Test	Conclusion	Observation
Impact	Pass	No Sharp Points or Sharp Edges
Torque	Pass	No Sharp Points or Sharp Edges
Tension	Pass	No Sharp Points or Sharp Edges

Other Applicable ASTM F963-17 Sections (Requested Sections)

Section	Specification/Test	Conclusion
4.1	Material Quality – Visual evaluation	Pass
4.6	Small Objects	Pass
4.7 and 16 CFR 1500.49	Accessible Edges	Pass
4.9 and 16 CFR 1500.48	Accessible Points	Pass

16 CFR 1500.3(c)(6)(vi) and ASTM F963-17, Section 4.2, Flammability of Solids

Flammable hazards evaluated as described in 16 CFR 1500.44.

Test	Conclusion	Observation
Flammability of Solids (16 CFR 1500.44)	Pass	No Burn Rate.





Specimen description

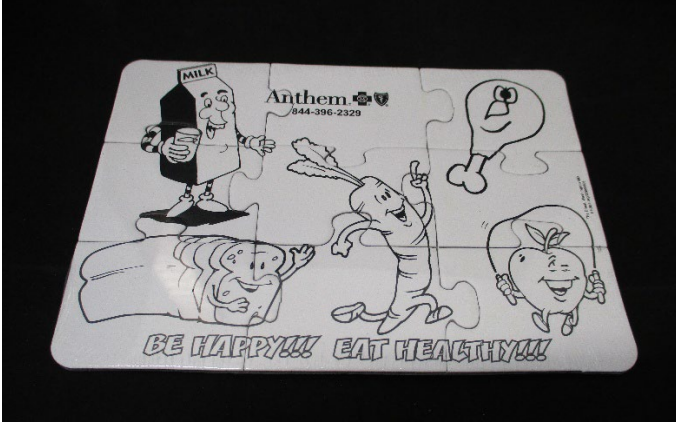
Specimen #	Specimen description	Location
1	Black Printed White Paper with Adhesive and Some Paperboard	Top of Puzzle Piece
2	Brown Paperboard with Adhesive	Puzzle Pieces - Lower Layer





Pictures

Sample photo



End of the report

The test result(s) and conclusion(s) in this report relate only to the sample(s) as received and the method /regulation section(s) tested as described herein. If it is not further specified in the report, the decision rule for stating conformity is based on the QIMA decision rule. (<https://www.qima.com/conditions-of-service#decisionRule>). This test report may not be reproduced in whole or in part, without the written approval of QIMA (US) LLC.



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