

Armstrong

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June 5, 2023

Mr. Rick Hu
David's Wholesale
401 Hardy Ave
Corsicana, TX 75110

Re: Product Testing
Project: Children Backpacks Test
Project No: 504

Requested By: Mr. Rick Hu
Company: David's Wholesale
Corsicana, TX

LABORATORY REPORT: C3PT07048-1A

Report Sections:

Laboratory Report, Analytical Data, Report Qualifiers/Definitions, Sample Receipt Checklist, and Chain of Custody.

Sample Descriptions:

Laboratory ID	Client ID	Sample Description
C3-07048A-001A	10067-F	17" Backpack Children's Backpacks
C3-07048A-002A	B2727DW	Children's Backpacks
C3-07048A-003A	B2735DW	Children's Backpacks
C3-07048A-004A	B2736DW	Children's Backpacks
C3-07048A-005A	BG1759	Children's Backpacks
C3-07048A-006A	BP2701DW	Children's Backpacks
C3-07048A-007A	B2719DW	Children's Backpacks
C3-07048A-008A	B2104-24	Children's Backpacks
C3-07048A-009A	B2105-24	Children's Backpacks
C3-07048A-010A	B2737DW	Children's Backpacks
C3-07048A-011A	SS-15, SS-17, SS-19	Children SS with Pouch
C3-07048A-012A	SS-8, SS-16, SS-32	Children SS with Pouch
C3-07048A-013A	PC26884-96	Green Pouch
C3-07048A-014A	SS-14	School Supplies

Case Narrative:

The reported values relate only to the sample(s) submitted. Analyses of the samples analyzed have successfully met the quality control requirements established by Armstrong's accreditation(s) and internal procedures and analytical method(s) utilized, unless otherwise noted. These notations are indicated by Method or Data Flags in the Data Table(s) with explanations on the Report Qualifier Page. C3-07048A-001A through C3-07048A-010A was evaluated based on an age grade of ages three years and above. C3-07048A-001A, C3-07048A-002A, C3-07048A-003A, C3-07048A-006A, C3-07048A-011A, C3-07048A-012A, and C3-07048A-013A were separated for analysis. C3-07048A-001C (Zipper Teeth - Black Plastic Substrate), C3-07048A-003C (Zipper Teeth - Light Gray Plastic Substrate), and C3-07048A-006C (Zipper Teeth - Dark Gray Plastic Substrate) were composited and reported as C3-07048A-015A. All other components were held without analysis. The results for C3-07048A-013A are reported separately.

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Armstrong has provided assistance for compliance with U.S. Consumer Product Commission (CPSC) Guidelines in regard to Product Testing but component selection and the application of the results to the Product are ultimately the responsibility of the Client/Manufacturer. This report shall not be reproduced, except in full, without the written permission of Armstrong Forensic Laboratory.

Respectfully submitted,
ARMSTRONG FORENSIC LABORATORY, INC.

Original signed by:

Kelly L. Wouters, PhD
Laboratory Director
PJLA Certificate L21-494
PJLA Accreditation 64631
C3-07048-1A

Analytical Data

Lab Number: C3-07048A-001A Client ID: 10067-F, 17" Backpack Children's Backpacks

Physical-Mechanical Analysis: ASTM F963-17 Standard Consumer Safety Specification for Toy Safety**Section 4: Safety Requirements**

Section	Test	Results
4.1	Material Quality	Pass
4.2	Flammability	Listed separately, if performed
4.3	Toxicology	
4.3.7	Stuffing Materials	N/A
4.4	Electrical/Thermal	N/A
4.5	Sound-Producing	N/A
4.6	Small Objects	
	Before Use and Abuse	Pass
	After Use and Abuse	Pass, Based on Age Grade of 3 Years and Older*
4.7	Accessible Edges	
	Before Use and Abuse	Pass
	After Use and Abuse	Pass
4.8	Projections	
	Before Use and Abuse	Pass
	After Use and Abuse	Pass
4.9	Accessible Points	
	Before Use and Abuse	Pass
	After Use and Abuse	Pass
4.10	Wires or Rods	N/A
4.11	Nails and Fasteners	N/A
4.12	Plastic Film	N/A
4.13	Folding Mechanisms and Hinges	
4.13.1	Folding Mechanisms	N/A
4.13.2	Hinge-Line Clearance	N/A
4.14	Cords, Straps, and Elastics	
4.14.1	Cords, Straps, and Elastics in Toys	N/A
4.14.2	Self Retracting Pull Cords	N/A
4.14.3	Pull Toys	N/A
4.14.4	Strings and Lines for Flying Devices	N/A
4.14.5	Cords on Toy Bags Intended for Children Up to 18 Months	N/A
4.15	Stability and Over-Load Requirements	
4.15.1	Stability of Ride-On Toys and Toy Seats	N/A
4.15.2	Sideways Stability Requirements	N/A
4.15.3	Fore and Aft Stability	N/A
4.15.4	Stability of Stationary Floor Toys	N/A
4.15.5	Overload Requirements for Ride-On Toys and Toy Seats	N/A

Lab Number: C3-07048A-001A Client ID: 10067-F, 17" Backpack Children's Backpacks

Physical-Mechanical Analysis: ASTM F963-17 Standard Consumer Safety Specification for Toy Safety**Section 4: Safety Requirements**

Section	Test	Results
4.15.6	Wheeled Ride-On Toys	N/A
4.16	Confined Spaces	
4.16.1	Ventilation	N/A
4.16.2	Closures	N/A
4.16.3	Toys that Enclose the Head	N/A
4.17	Wheels, Tires, and Axles	N/A
4.18	Holes, Clearance, and Accessibility of Mechanisms	
4.18.1	Accessible Clearances for Moveable Segments	N/A
4.18.2	Circular Holes in Rigid Materials	N/A
4.18.3	Chains and Belts	N/A
4.18.4	Inaccessibility of Mechanisms	N/A
4.18.5	Winding Keys	N/A
4.18.6	Coil Springs	N/A
4.19	Simulated Protective Devices (such as helmets, hats and goggles)	
4.19.1	Eye Protection	N/A
4.20	Pacifiers	N/A
4.21	Projectile Toys	
4.21.2	Discharge Mechanisms	N/A
4.22	Teethers and Teething Toys	N/A
4.23	Rattles	N/A
4.24	Squeeze Toys	N/A
4.25	Battery Operated Toys	
4.25.10	Battery-Powered Ride-On Toys	N/A
4.25.11	Toys that Contain Secondary Cells or Secondary Batteries	N/A
4.26	Toys Intended to be Attached to a Crib or Playpen	
4.26.1	Protrusions	N/A
4.26.2	Crib Mobiles	N/A
4.26.3	Crib Gyms	N/A
4.27	Stuffed and Beanbag-Type Toys	N/A
4.28	Stroller and Carriage Toys	N/A
4.29	Art Materials	N/A
4.30	Toy Gun Marking	N/A
4.31	Balloons	N/A
4.32	Certain Toys with Nearly Spherical Ends	
4.32.3	Preschool Play Figures	N/A
4.33	Marbles	N/A
4.34	Balls	N/A
4.35	Pompoms	N/A
4.36	Hemispheric-Shaped Objects	N/A
4.37	Yo Yo Elastic Tether Toys	N/A

Lab Number: C3-07048A-001A Client ID: 10067-F, 17" Backpack Children's Backpacks

Physical-Mechanical Analysis: ASTM F963-17 Standard Consumer Safety Specification for Toy Safety**Section 4: Safety Requirements**

Section	Test	Results
4.38	Magnets	N/A
4.39	Jaw Entrapment in Handles and Steering Wheels	N/A
4.40	Expanding Materials	N/A
4.41	Toy Chests	
4.41.1	Lid Support	N/A
4.41.2	Hinge Line Clearance	N/A
4.41.3	Closures	N/A
4.41.4	Ventilation	N/A

Lab Number: C3-07048A-001A Client ID: 10067-F, 17" Backpack Children's Backpacks

Mechanical and Physical Properties

Date of Analysis: 05/17/2023

Method: ASTM F963-17

Analyte	Pass/ Fail
Mechanical and Physical Properties	Pass, Based on Age Grade of 3 Years and Older*

*Note: The zipper pulls detached during abuse testing. A choking hazard warning label would be required if the product is intended for children at least 3 years old but less than 6 years of age.

Lab Number: C3-07048A-001D Client ID: 10067-F, 17" Backpack Children's Backpacks (Zipper Slider/Pull - Metal Substrate)

Cadmium

Date of Analysis: 05/31/2023

Method: ASTM F963-17

Method Flag: L

Analyte	Results	Reporting Limit	Units	Dilution Factor	CSPA Limit	Pass/Fail	Data Flag
Cadmium	< 0.89	0.89	ppm	1	40 ppm	PASS	

Lead

Date of Analysis: 05/31/2023

Method: CPSC-CH-E1001-08

Method Flag: L

Analyte	Results	Reporting Limit	Units	Dilution Factor	CPSC Limit	Pass/Fail	Data Flag
Lead	39	22	ppm	1	100 ppm	PASS	

Lab Number: C3-07048A-002A Client ID: B2727DW, Children's Backpacks

Physical-Mechanical Analysis: ASTM F963-17 Standard Consumer Safety Specification for Toy Safety**Section 4: Safety Requirements**

Section	Test	Results
4.1	Material Quality	Pass
4.2	Flammability	Listed separately, if performed
4.3	Toxicology	
4.3.7	Stuffing Materials	N/A
4.4	Electrical/Thermal	N/A
4.5	Sound-Producing	N/A
4.6	Small Objects	
	Before Use and Abuse	Pass
	After Use and Abuse	Pass, Based on Age Grade of 3 Years and Older*
4.7	Accessible Edges	
	Before Use and Abuse	Pass
	After Use and Abuse	Pass
4.8	Projections	
	Before Use and Abuse	Pass
	After Use and Abuse	Pass
4.9	Accessible Points	
	Before Use and Abuse	Pass
	After Use and Abuse	Pass
4.10	Wires or Rods	N/A
4.11	Nails and Fasteners	N/A
4.12	Plastic Film	N/A
4.13	Folding Mechanisms and Hinges	
4.13.1	Folding Mechanisms	N/A
4.13.2	Hinge-Line Clearance	N/A
4.14	Cords, Straps, and Elastics	
4.14.1	Cords, Straps, and Elastics in Toys	N/A
4.14.2	Self Retracting Pull Cords	N/A
4.14.3	Pull Toys	N/A
4.14.4	Strings and Lines for Flying Devices	N/A
4.14.5	Cords on Toy Bags Intended for Children Up to 18 Months	N/A
4.15	Stability and Over-Load Requirements	
4.15.1	Stability of Ride-On Toys and Toy Seats	N/A
4.15.2	Sideways Stability Requirements	N/A
4.15.3	Fore and Aft Stability	N/A
4.15.4	Stability of Stationary Floor Toys	N/A
4.15.5	Overload Requirements for Ride-On Toys and Toy Seats	N/A
4.15.6	Wheeled Ride-On Toys	N/A

Lab Number: C3-07048A-002A Client ID: B2727DW, Children's Backpacks

Physical-Mechanical Analysis: ASTM F963-17 Standard Consumer Safety Specification for Toy Safety**Section 4: Safety Requirements**

Section	Test	Results
4.16	Confined Spaces	
4.16.1	Ventilation	N/A
4.16.2	Closures	N/A
4.16.3	Toys that Enclose the Head	N/A
4.17	Wheels, Tires, and Axles	N/A
4.18	Holes, Clearance, and Accessibility of Mechanisms	
4.18.1	Accessible Clearances for Moveable Segments	N/A
4.18.2	Circular Holes in Rigid Materials	N/A
4.18.3	Chains and Belts	N/A
4.18.4	Inaccessibility of Mechanisms	N/A
4.18.5	Winding Keys	N/A
4.18.6	Coil Springs	N/A
4.19	Simulated Protective Devices (such as helmets, hats and goggles)	
4.19.1	Eye Protection	N/A
4.20	Pacifiers	N/A
4.21	Projectile Toys	
4.21.2	Discharge Mechanisms	N/A
4.22	Teethers and Teething Toys	N/A
4.23	Rattles	N/A
4.24	Squeeze Toys	N/A
4.25	Battery Operated Toys	
4.25.10	Battery-Powered Ride-On Toys	N/A
4.25.11	Toys that Contain Secondary Cells or Secondary Batteries	N/A
4.26	Toys Intended to be Attached to a Crib or Playpen	
4.26.1	Protrusions	N/A
4.26.2	Crib Mobiles	N/A
4.26.3	Crib Gyms	N/A
4.27	Stuffed and Beanbag-Type Toys	N/A
4.28	Stroller and Carriage Toys	N/A
4.29	Art Materials	N/A
4.30	Toy Gun Marking	N/A
4.31	Balloons	N/A
4.32	Certain Toys with Nearly Spherical Ends	
4.32.3	Preschool Play Figures	N/A
4.33	Marbles	N/A
4.34	Balls	N/A
4.35	Pompoms	N/A
4.36	Hemispheric-Shaped Objects	N/A
4.37	Yo Yo Elastic Tether Toys	N/A
4.38	Magnets	N/A

Lab Number: C3-07048A-002A Client ID: B2727DW, Children's Backpacks

Physical-Mechanical Analysis: ASTM F963-17 Standard Consumer Safety Specification for Toy Safety**Section 4: Safety Requirements**

Section	Test	Results
4.39	Jaw Entrapment in Handles and Steering Wheels	N/A
4.40	Expanding Materials	N/A
4.41	Toy Chests	
4.41.1	Lid Support	N/A
4.41.2	Hinge Line Clearance	N/A
4.41.3	Closures	N/A
4.41.4	Ventilation	N/A

Lab Number: C3-07048A-002A Client ID: B2727DW, Children's Backpacks

Mechanical and Physical Properties

Date of Analysis: 05/17/2023

Method: ASTM F963-17

Analyte	Pass/ Fail
Mechanical and Physical Properties	Pass, Based on Age Grade of 3 Years and Older*

*Note: The zipper pulls detached during abuse testing. A choking hazard warning label would be required if the product is intended for children at least 3 years old but less than 6 years of age.

Lab Number: C3-07048A-002D Client ID: B2727DW, Children's Backpacks (Zipper Slider/Pull - Metal Substrate)

Cadmium

Date of Analysis: 05/31/2023

Method: ASTM F963-17

Method Flag: L

Analyte	Results	Reporting Limit	Units	Dilution Factor	CSPA Limit	Pass/ Fail	Data Flag
Cadmium	3.6	1.1	ppm	1	40 ppm	PASS	

Lead

Date of Analysis: 05/31/2023

Method: CPSC-CH-E1001-08

Method Flag: L

Analyte	Results	Reporting Limit	Units	Dilution Factor	CPSC Limit	Pass/ Fail	Data Flag
Lead	28	25	ppm	1	100 ppm	PASS	

Lab Number: C3-07048A-003A Client ID: B2735DW, Children's Backpacks

Physical-Mechanical Analysis: ASTM F963-17 Standard Consumer Safety Specification for Toy Safety

Section 4: Safety Requirements

Section	Test	Results
4.1	Material Quality	Pass
4.2	Flammability	Listed separately, if performed
4.3	Toxicology	
4.3.7	Stuffing Materials	N/A
4.4	Electrical/Thermal	N/A
4.5	Sound-Producing	N/A
4.6	Small Objects	
	Before Use and Abuse	Pass
	After Use and Abuse	Pass, Based on Age Grade of 3 Years and Older*
4.7	Accessible Edges	
	Before Use and Abuse	Pass
	After Use and Abuse	Pass
4.8	Projections	
	Before Use and Abuse	Pass
	After Use and Abuse	Pass
4.9	Accessible Points	
	Before Use and Abuse	Pass
	After Use and Abuse	Pass
4.10	Wires or Rods	N/A
4.11	Nails and Fasteners	N/A
4.12	Plastic Film	N/A
4.13	Folding Mechanisms and Hinges	
4.13.1	Folding Mechanisms	N/A
4.13.2	Hinge-Line Clearance	N/A
4.14	Cords, Straps, and Elastics	
4.14.1	Cords, Straps, and Elastics in Toys	Pass, Based on Age Grade of 3 Years and Older*
4.14.2	Self Retracting Pull Cords	N/A
4.14.3	Pull Toys	N/A
4.14.4	Strings and Lines for Flying Devices	N/A
4.14.5	Cords on Toy Bags Intended for Children Up to 18 Months	Pass, Based on Age Grade of 3 Years and Older*
4.15	Stability and Over-Load Requirements	
4.15.1	Stability of Ride-On Toys and Toy Seats	N/A
4.15.2	Sideways Stability Requirements	N/A
4.15.3	Fore and Aft Stability	N/A

Lab Number: C3-07048A-003A Client ID: B2735DW, Children's Backpacks

Physical-Mechanical Analysis: ASTM F963-17 Standard Consumer Safety Specification for Toy Safety**Section 4: Safety Requirements**

Section	Test	Results
4.15.4	Stability of Stationary Floor Toys	N/A
4.15.5	Overload Requirements for Ride-On Toys and Toy Seats	N/A
4.15.6	Wheeled Ride-On Toys	N/A
4.16	Confined Spaces	
4.16.1	Ventilation	N/A
4.16.2	Closures	N/A
4.16.3	Toys that Enclose the Head	N/A
4.17	Wheels, Tires, and Axles	N/A
4.18	Holes, Clearance, and Accessibility of Mechanisms	
4.18.1	Accessible Clearances for Moveable Segments	N/A
4.18.2	Circular Holes in Rigid Materials	N/A
4.18.3	Chains and Belts	N/A
4.18.4	Inaccessibility of Mechanisms	N/A
4.18.5	Winding Keys	N/A
4.18.6	Coil Springs	N/A
4.19	Simulated Protective Devices (such as helmets, hats and goggles)	
4.19.1	Eye Protection	N/A
4.20	Pacifiers	N/A
4.21	Projectile Toys	
4.21.2	Discharge Mechanisms	N/A
4.22	Teethers and Teething Toys	N/A
4.23	Rattles	N/A
4.24	Squeeze Toys	N/A
4.25	Battery Operated Toys	
4.25.10	Battery-Powered Ride-On Toys	N/A
4.25.11	Toys that Contain Secondary Cells or Secondary Batteries	N/A
4.26	Toys Intended to be Attached to a Crib or Playpen	
4.26.1	Protrusions	N/A
4.26.2	Crib Mobiles	N/A
4.26.3	Crib Gyms	N/A
4.27	Stuffed and Beanbag-Type Toys	N/A
4.28	Stroller and Carriage Toys	N/A
4.29	Art Materials	N/A
4.30	Toy Gun Marking	N/A
4.31	Balloons	N/A
4.32	Certain Toys with Nearly Spherical Ends	
4.32.3	Preschool Play Figures	N/A
4.33	Marbles	N/A
4.34	Balls	N/A
4.35	Pompoms	N/A

Lab Number: C3-07048A-003A Client ID: B2735DW, Children's Backpacks

Physical-Mechanical Analysis: ASTM F963-17 Standard Consumer Safety Specification for Toy Safety

Section 4: Safety Requirements

Section	Test	Results
4.36	Hemispheric-Shaped Objects	N/A
4.37	Yo Yo Elastic Tether Toys	N/A
4.38	Magnets	N/A
4.39	Jaw Entrapment in Handles and Steering Wheels	N/A
4.40	Expanding Materials	N/A
4.41	Toy Chests	
4.41.1	Lid Support	N/A
4.41.2	Hinge Line Clearance	N/A
4.41.3	Closures	N/A
4.41.4	Ventilation	N/A

Lab Number: C3-07048A-003A Client ID: B2735DW, Children's Backpacks

Mechanical and Physical Properties

Date of Analysis: 05/17/2023

Method: ASTM F963-17

Analyte	Pass/ Fail
Mechanical and Physical Properties	Pass, Based on Age Grade of 3 Years and Older*

*Note: The zipper pulls detached during abuse testing. A choking hazard warning label would be required if the product is intended for children at least 3 years old but less than 6 years of age. The product also contains an elastic cord, but the product is compliant with the requirements for Cords, Straps, and Elastics, based on the age grade.

Lab Number: C3-07048A-003D Client ID: B2735DW, Children's Backpacks (Zipper Slider/Pull - Metal Substrate)

Cadmium

Date of Analysis: 05/31/2023

Method: ASTM F963-17

Method Flag: L

Analyte	Results	Reporting Limit	Units	Dilution Factor	CSPA Limit	Pass/Fail	Data Flag
Cadmium	4.6	1.1	ppm	1	40 ppm	PASS	

Lead

Date of Analysis: 05/31/2023

Method: CPSC-CH-E1001-08

Method Flag: L

Analyte	Results	Reporting Limit	Units	Dilution Factor	CPSC Limit	Pass/Fail	Data Flag
Lead	< 22	22	ppm	1	100 ppm	PASS	

Lab Number: C3-07048A-004A Client ID: B2736DW, Children's Backpacks

Physical-Mechanical Analysis: ASTM F963-17 Standard Consumer Safety Specification for Toy Safety**Section 4: Safety Requirements**

Section	Test	Results
4.1	Material Quality	Pass
4.2	Flammability	Listed separately, if performed
4.3	Toxicology	
4.3.7	Stuffing Materials	N/A
4.4	Electrical/Thermal	N/A
4.5	Sound-Producing	N/A
4.6	Small Objects	
	Before Use and Abuse	Pass
	After Use and Abuse	Pass, Based on Age Grade of 3 Years and Older*
4.7	Accessible Edges	
	Before Use and Abuse	Pass
	After Use and Abuse	Pass
4.8	Projections	
	Before Use and Abuse	Pass
	After Use and Abuse	Pass
4.9	Accessible Points	
	Before Use and Abuse	Pass
	After Use and Abuse	Pass
4.10	Wires or Rods	N/A
4.11	Nails and Fasteners	N/A
4.12	Plastic Film	N/A
4.13	Folding Mechanisms and Hinges	
4.13.1	Folding Mechanisms	N/A
4.13.2	Hinge-Line Clearance	N/A
4.14	Cords, Straps, and Elastics	
4.14.1	Cords, Straps, and Elastics in Toys	N/A
4.14.2	Self Retracting Pull Cords	N/A
4.14.3	Pull Toys	N/A
4.14.4	Strings and Lines for Flying Devices	N/A
4.14.5	Cords on Toy Bags Intended for Children Up to 18 Months	N/A
4.15	Stability and Over-Load Requirements	
4.15.1	Stability of Ride-On Toys and Toy Seats	N/A
4.15.2	Sideways Stability Requirements	N/A
4.15.3	Fore and Aft Stability	N/A
4.15.4	Stability of Stationary Floor Toys	N/A
4.15.5	Overload Requirements for Ride-On Toys and Toy Seats	N/A
4.15.6	Wheeled Ride-On Toys	N/A

Lab Number: C3-07048A-004A Client ID: B2736DW, Children's Backpacks

Physical-Mechanical Analysis: ASTM F963-17 Standard Consumer Safety Specification for Toy Safety**Section 4: Safety Requirements**

Section	Test	Results
4.16	Confined Spaces	
4.16.1	Ventilation	N/A
4.16.2	Closures	N/A
4.16.3	Toys that Enclose the Head	N/A
4.17	Wheels, Tires, and Axles	N/A
4.18	Holes, Clearance, and Accessibility of Mechanisms	
4.18.1	Accessible Clearances for Moveable Segments	N/A
4.18.2	Circular Holes in Rigid Materials	N/A
4.18.3	Chains and Belts	N/A
4.18.4	Inaccessibility of Mechanisms	N/A
4.18.5	Winding Keys	N/A
4.18.6	Coil Springs	N/A
4.19	Simulated Protective Devices (such as helmets, hats and goggles)	
4.19.1	Eye Protection	N/A
4.20	Pacifiers	N/A
4.21	Projectile Toys	
4.21.2	Discharge Mechanisms	N/A
4.22	Teethers and Teething Toys	N/A
4.23	Rattles	N/A
4.24	Squeeze Toys	N/A
4.25	Battery Operated Toys	
4.25.10	Battery-Powered Ride-On Toys	N/A
4.25.11	Toys that Contain Secondary Cells or Secondary Batteries	N/A
4.26	Toys Intended to be Attached to a Crib or Playpen	
4.26.1	Protrusions	N/A
4.26.2	Crib Mobiles	N/A
4.26.3	Crib Gyms	N/A
4.27	Stuffed and Beanbag-Type Toys	N/A
4.28	Stroller and Carriage Toys	N/A
4.29	Art Materials	N/A
4.30	Toy Gun Marking	N/A
4.31	Balloons	N/A
4.32	Certain Toys with Nearly Spherical Ends	
4.32.3	Preschool Play Figures	N/A
4.33	Marbles	N/A
4.34	Balls	N/A
4.35	Pompoms	N/A
4.36	Hemispheric-Shaped Objects	N/A
4.37	Yo Yo Elastic Tether Toys	N/A
4.38	Magnets	N/A

Lab Number: C3-07048A-004A Client ID: B2736DW, Children's Backpacks

Physical-Mechanical Analysis: ASTM F963-17 Standard Consumer Safety Specification for Toy Safety

Section 4: Safety Requirements

Section	Test	Results
4.39	Jaw Entrapment in Handles and Steering Wheels	N/A
4.40	Expanding Materials	N/A
4.41	Toy Chests	
4.41.1	Lid Support	N/A
4.41.2	Hinge Line Clearance	N/A
4.41.3	Closures	N/A
4.41.4	Ventilation	N/A

Lab Number: C3-07048A-004A Client ID: B2736DW, Children's Backpacks

Mechanical and Physical Properties

Date of Analysis: 05/17/2023

Method: ASTM F963-17

Analyte	Pass/ Fail
Mechanical and Physical Properties	Pass, Based on Age Grade of 3 Years and Older*

*Note: The zipper pulls detached during abuse testing. A choking hazard warning label would be required if the product is intended for children at least 3 years old but less than 6 years of age.

Lab Number: C3-07048A-005A Client ID: BG1759, Children's Backpacks

Physical-Mechanical Analysis: ASTM F963-17 Standard Consumer Safety Specification for Toy Safety**Section 4: Safety Requirements**

Section	Test	Results
4.1	Material Quality	Pass
4.2	Flammability	Listed separately, if performed
4.3	Toxicology	
4.3.7	Stuffing Materials	N/A
4.4	Electrical/Thermal	N/A
4.5	Sound-Producing	N/A
4.6	Small Objects	
	Before Use and Abuse	Pass
	After Use and Abuse	Pass, Based on Age Grade of 3 Years and Older*
4.7	Accessible Edges	
	Before Use and Abuse	Pass
	After Use and Abuse	Pass
4.8	Projections	
	Before Use and Abuse	Pass
	After Use and Abuse	Pass
4.9	Accessible Points	
	Before Use and Abuse	Pass
	After Use and Abuse	Pass
4.10	Wires or Rods	N/A
4.11	Nails and Fasteners	N/A
4.12	Plastic Film	N/A
4.13	Folding Mechanisms and Hinges	
4.13.1	Folding Mechanisms	N/A
4.13.2	Hinge-Line Clearance	N/A
4.14	Cords, Straps, and Elastics	
4.14.1	Cords, Straps, and Elastics in Toys	N/A
4.14.2	Self Retracting Pull Cords	N/A
4.14.3	Pull Toys	N/A
4.14.4	Strings and Lines for Flying Devices	N/A
4.14.5	Cords on Toy Bags Intended for Children Up to 18 Months	N/A
4.15	Stability and Over-Load Requirements	
4.15.1	Stability of Ride-On Toys and Toy Seats	N/A
4.15.2	Sideways Stability Requirements	N/A
4.15.3	Fore and Aft Stability	N/A
4.15.4	Stability of Stationary Floor Toys	N/A
4.15.5	Overload Requirements for Ride-On Toys and Toy Seats	N/A
4.15.6	Wheeled Ride-On Toys	N/A

Lab Number: C3-07048A-005A Client ID: BG1759, Children's Backpacks

Physical-Mechanical Analysis: ASTM F963-17 Standard Consumer Safety Specification for Toy Safety**Section 4: Safety Requirements**

Section	Test	Results
4.16	Confined Spaces	
4.16.1	Ventilation	N/A
4.16.2	Closures	N/A
4.16.3	Toys that Enclose the Head	N/A
4.17	Wheels, Tires, and Axles	N/A
4.18	Holes, Clearance, and Accessibility of Mechanisms	
4.18.1	Accessible Clearances for Moveable Segments	N/A
4.18.2	Circular Holes in Rigid Materials	N/A
4.18.3	Chains and Belts	N/A
4.18.4	Inaccessibility of Mechanisms	N/A
4.18.5	Winding Keys	N/A
4.18.6	Coil Springs	N/A
4.19	Simulated Protective Devices (such as helmets, hats and goggles)	
4.19.1	Eye Protection	N/A
4.20	Pacifiers	N/A
4.21	Projectile Toys	
4.21.2	Discharge Mechanisms	N/A
4.22	Teethers and Teething Toys	N/A
4.23	Rattles	N/A
4.24	Squeeze Toys	N/A
4.25	Battery Operated Toys	
4.25.10	Battery-Powered Ride-On Toys	N/A
4.25.11	Toys that Contain Secondary Cells or Secondary Batteries	N/A
4.26	Toys Intended to be Attached to a Crib or Playpen	
4.26.1	Protrusions	N/A
4.26.2	Crib Mobiles	N/A
4.26.3	Crib Gyms	N/A
4.27	Stuffed and Beanbag-Type Toys	N/A
4.28	Stroller and Carriage Toys	N/A
4.29	Art Materials	N/A
4.30	Toy Gun Marking	N/A
4.31	Balloons	N/A
4.32	Certain Toys with Nearly Spherical Ends	
4.32.3	Preschool Play Figures	N/A
4.33	Marbles	N/A
4.34	Balls	N/A
4.35	Pompoms	N/A
4.36	Hemispheric-Shaped Objects	N/A
4.37	Yo Yo Elastic Tether Toys	N/A
4.38	Magnets	N/A

Lab Number: C3-07048A-005A Client ID: BG1759, Children's Backpacks

Physical-Mechanical Analysis: ASTM F963-17 Standard Consumer Safety Specification for Toy Safety

Section 4: Safety Requirements

Section	Test	Results
4.39	Jaw Entrapment in Handles and Steering Wheels	N/A
4.40	Expanding Materials	N/A
4.41	Toy Chests	
4.41.1	Lid Support	N/A
4.41.2	Hinge Line Clearance	N/A
4.41.3	Closures	N/A
4.41.4	Ventilation	N/A

Lab Number: C3-07048A-005A Client ID: BG1759, Children's Backpacks

Mechanical and Physical Properties

Date of Analysis: 05/17/2023

Method: ASTM F963-17

Analyte	Pass/ Fail
Mechanical and Physical Properties	Pass, Based on Age Grade of 3 Years and Older*

*Note: The zipper pulls detached during abuse testing. A choking hazard warning label would be required if the product is intended for children at least 3 years old but less than 6 years of age.

Lab Number: C3-07048A-006A Client ID: B2701DW, Children's Backpacks

Physical-Mechanical Analysis: ASTM F963-17 Standard Consumer Safety Specification for Toy Safety**Section 4: Safety Requirements**

Section	Test	Results
4.1	Material Quality	Pass
4.2	Flammability	Listed separately, if performed
4.3	Toxicology	
4.3.7	Stuffing Materials	N/A
4.4	Electrical/Thermal	N/A
4.5	Sound-Producing	N/A
4.6	Small Objects	
	Before Use and Abuse	Pass
	After Use and Abuse	Pass, Based on Age Grade of 3 Years and Older*
4.7	Accessible Edges	
	Before Use and Abuse	Pass
	After Use and Abuse	Pass
4.8	Projections	
	Before Use and Abuse	Pass
	After Use and Abuse	Pass
4.9	Accessible Points	
	Before Use and Abuse	Pass
	After Use and Abuse	Pass
4.10	Wires or Rods	N/A
4.11	Nails and Fasteners	N/A
4.12	Plastic Film	N/A
4.13	Folding Mechanisms and Hinges	
4.13.1	Folding Mechanisms	N/A
4.13.2	Hinge-Line Clearance	N/A
4.14	Cords, Straps, and Elastics	
4.14.1	Cords, Straps, and Elastics in Toys	N/A
4.14.2	Self Retracting Pull Cords	N/A
4.14.3	Pull Toys	N/A
4.14.4	Strings and Lines for Flying Devices	N/A
4.14.5	Cords on Toy Bags Intended for Children Up to 18 Months	N/A
4.15	Stability and Over-Load Requirements	
4.15.1	Stability of Ride-On Toys and Toy Seats	N/A
4.15.2	Sideways Stability Requirements	N/A
4.15.3	Fore and Aft Stability	N/A
4.15.4	Stability of Stationary Floor Toys	N/A
4.15.5	Overload Requirements for Ride-On Toys and Toy Seats	N/A
4.15.6	Wheeled Ride-On Toys	N/A

Lab Number: C3-07048A-006A Client ID: B2701DW, Children's Backpacks

Physical-Mechanical Analysis: ASTM F963-17 Standard Consumer Safety Specification for Toy Safety**Section 4: Safety Requirements**

Section	Test	Results
4.16	Confined Spaces	
4.16.1	Ventilation	N/A
4.16.2	Closures	N/A
4.16.3	Toys that Enclose the Head	N/A
4.17	Wheels, Tires, and Axles	N/A
4.18	Holes, Clearance, and Accessibility of Mechanisms	
4.18.1	Accessible Clearances for Moveable Segments	N/A
4.18.2	Circular Holes in Rigid Materials	N/A
4.18.3	Chains and Belts	N/A
4.18.4	Inaccessibility of Mechanisms	N/A
4.18.5	Winding Keys	N/A
4.18.6	Coil Springs	N/A
4.19	Simulated Protective Devices (such as helmets, hats and goggles)	
4.19.1	Eye Protection	N/A
4.20	Pacifiers	N/A
4.21	Projectile Toys	
4.21.2	Discharge Mechanisms	N/A
4.22	Teethers and Teething Toys	N/A
4.23	Rattles	N/A
4.24	Squeeze Toys	N/A
4.25	Battery Operated Toys	
4.25.10	Battery-Powered Ride-On Toys	N/A
4.25.11	Toys that Contain Secondary Cells or Secondary Batteries	N/A
4.26	Toys Intended to be Attached to a Crib or Playpen	
4.26.1	Protrusions	N/A
4.26.2	Crib Mobiles	N/A
4.26.3	Crib Gyms	N/A
4.27	Stuffed and Beanbag-Type Toys	N/A
4.28	Stroller and Carriage Toys	N/A
4.29	Art Materials	N/A
4.30	Toy Gun Marking	N/A
4.31	Balloons	N/A
4.32	Certain Toys with Nearly Spherical Ends	
4.32.3	Preschool Play Figures	N/A
4.33	Marbles	N/A
4.34	Balls	N/A
4.35	Pompoms	N/A
4.36	Hemispheric-Shaped Objects	N/A
4.37	Yo Yo Elastic Tether Toys	N/A
4.38	Magnets	N/A

Lab Number: C3-07048A-006A Client ID: B2701DW, Children's Backpacks

Physical-Mechanical Analysis: ASTM F963-17 Standard Consumer Safety Specification for Toy Safety

Section 4: Safety Requirements

Section	Test	Results
4.39	Jaw Entrapment in Handles and Steering Wheels	N/A
4.40	Expanding Materials	N/A
4.41	Toy Chests	
4.41.1	Lid Support	N/A
4.41.2	Hinge Line Clearance	N/A
4.41.3	Closures	N/A
4.41.4	Ventilation	N/A

Lab Number: C3-07048A-006A Client ID: B2701DW, Children's Backpacks

Mechanical and Physical Properties

Date of Analysis: 05/17/2023

Method: ASTM F963-17

Analyte	Pass/ Fail
Mechanical and Physical Properties	Pass, Based on Age Grade of 3 Years and Older*

*Note: The zipper pulls detached during abuse testing. A choking hazard warning label would be required if the product is intended for children at least 3 years old but less than 6 years of age.

Lab Number: C3-07048A-007A Client ID: B2719DW, Children's Backpacks

Physical-Mechanical Analysis: ASTM F963-17 Standard Consumer Safety Specification for Toy Safety**Section 4: Safety Requirements**

Section	Test	Results
4.1	Material Quality	Pass
4.2	Flammability	Listed separately, if performed
4.3	Toxicology	
4.3.7	Stuffing Materials	N/A
4.4	Electrical/Thermal	N/A
4.5	Sound-Producing	N/A
4.6	Small Objects	
	Before Use and Abuse	Pass
	After Use and Abuse	Pass, Based on Age Grade of 3 Years and Older*
4.7	Accessible Edges	
	Before Use and Abuse	Pass
	After Use and Abuse	Pass
4.8	Projections	
	Before Use and Abuse	Pass
	After Use and Abuse	Pass
4.9	Accessible Points	
	Before Use and Abuse	Pass
	After Use and Abuse	Pass
4.10	Wires or Rods	N/A
4.11	Nails and Fasteners	N/A
4.12	Plastic Film	N/A
4.13	Folding Mechanisms and Hinges	
4.13.1	Folding Mechanisms	N/A
4.13.2	Hinge-Line Clearance	N/A
4.14	Cords, Straps, and Elastics	
4.14.1	Cords, Straps, and Elastics in Toys	N/A
4.14.2	Self Retracting Pull Cords	N/A
4.14.3	Pull Toys	N/A
4.14.4	Strings and Lines for Flying Devices	N/A
4.14.5	Cords on Toy Bags Intended for Children Up to 18 Months	N/A
4.15	Stability and Over-Load Requirements	
4.15.1	Stability of Ride-On Toys and Toy Seats	N/A
4.15.2	Sideways Stability Requirements	N/A
4.15.3	Fore and Aft Stability	N/A
4.15.4	Stability of Stationary Floor Toys	N/A
4.15.5	Overload Requirements for Ride-On Toys and Toy Seats	N/A
4.15.6	Wheeled Ride-On Toys	N/A

Lab Number: C3-07048A-007A Client ID: B2719DW, Children's Backpacks

Physical-Mechanical Analysis: ASTM F963-17 Standard Consumer Safety Specification for Toy Safety**Section 4: Safety Requirements**

Section	Test	Results
4.16	Confined Spaces	
4.16.1	Ventilation	N/A
4.16.2	Closures	N/A
4.16.3	Toys that Enclose the Head	N/A
4.17	Wheels, Tires, and Axles	N/A
4.18	Holes, Clearance, and Accessibility of Mechanisms	
4.18.1	Accessible Clearances for Moveable Segments	N/A
4.18.2	Circular Holes in Rigid Materials	N/A
4.18.3	Chains and Belts	N/A
4.18.4	Inaccessibility of Mechanisms	N/A
4.18.5	Winding Keys	N/A
4.18.6	Coil Springs	N/A
4.19	Simulated Protective Devices (such as helmets, hats and goggles)	
4.19.1	Eye Protection	N/A
4.20	Pacifiers	N/A
4.21	Projectile Toys	
4.21.2	Discharge Mechanisms	N/A
4.22	Teethers and Teething Toys	N/A
4.23	Rattles	N/A
4.24	Squeeze Toys	N/A
4.25	Battery Operated Toys	
4.25.10	Battery-Powered Ride-On Toys	N/A
4.25.11	Toys that Contain Secondary Cells or Secondary Batteries	N/A
4.26	Toys Intended to be Attached to a Crib or Playpen	
4.26.1	Protrusions	N/A
4.26.2	Crib Mobiles	N/A
4.26.3	Crib Gyms	N/A
4.27	Stuffed and Beanbag-Type Toys	N/A
4.28	Stroller and Carriage Toys	N/A
4.29	Art Materials	N/A
4.30	Toy Gun Marking	N/A
4.31	Balloons	N/A
4.32	Certain Toys with Nearly Spherical Ends	
4.32.3	Preschool Play Figures	N/A
4.33	Marbles	N/A
4.34	Balls	N/A
4.35	Pompoms	N/A
4.36	Hemispheric-Shaped Objects	N/A
4.37	Yo Yo Elastic Tether Toys	N/A
4.38	Magnets	N/A

Lab Number: C3-07048A-007A Client ID: B2719DW, Children's Backpacks

Physical-Mechanical Analysis: ASTM F963-17 Standard Consumer Safety Specification for Toy Safety

Section 4: Safety Requirements

Section	Test	Results
4.39	Jaw Entrapment in Handles and Steering Wheels	N/A
4.40	Expanding Materials	N/A
4.41	Toy Chests	
4.41.1	Lid Support	N/A
4.41.2	Hinge Line Clearance	N/A
4.41.3	Closures	N/A
4.41.4	Ventilation	N/A

Lab Number: C3-07048A-007A Client ID: B2719DW, Children's Backpacks

Mechanical and Physical Properties

Date of Analysis: 05/17/2023

Method: ASTM F963-17

Analyte	Pass/ Fail
Mechanical and Physical Properties	Pass, Based on Age Grade of 3 Years and Older*

*Note: The zipper pulls detached during abuse testing. A choking hazard warning label would be required if the product is intended for children at least 3 years old but less than 6 years of age.

Lab Number: C3-07048A-008A Client ID: B2104-24, Children's Backpacks

Physical-Mechanical Analysis: ASTM F963-17 Standard Consumer Safety Specification for Toy Safety

Section 4: Safety Requirements

Section	Test	Results
4.1	Material Quality	Pass
4.2	Flammability	Listed separately, if performed
4.3	Toxicology	
4.3.7	Stuffing Materials	N/A
4.4	Electrical/Thermal	N/A
4.5	Sound-Producing	N/A
4.6	Small Objects	
	Before Use and Abuse	Pass
	After Use and Abuse	Pass, Based on Age Grade of 3 Years and Older*
4.7	Accessible Edges	
	Before Use and Abuse	Pass
	After Use and Abuse	Pass
4.8	Projections	
	Before Use and Abuse	Pass
	After Use and Abuse	Pass
4.9	Accessible Points	
	Before Use and Abuse	Pass
	After Use and Abuse	Pass
4.10	Wires or Rods	N/A
4.11	Nails and Fasteners	N/A
4.12	Plastic Film	N/A
4.13	Folding Mechanisms and Hinges	
4.13.1	Folding Mechanisms	N/A
4.13.2	Hinge-Line Clearance	N/A
4.14	Cords, Straps, and Elastics	
4.14.1	Cords, Straps, and Elastics in Toys	N/A
4.14.2	Self Retracting Pull Cords	N/A
4.14.3	Pull Toys	N/A
4.14.4	Strings and Lines for Flying Devices	N/A
4.14.5	Cords on Toy Bags Intended for Children Up to 18 Months	N/A
4.15	Stability and Over-Load Requirements	
4.15.1	Stability of Ride-On Toys and Toy Seats	N/A
4.15.2	Sideways Stability Requirements	N/A
4.15.3	Fore and Aft Stability	N/A
4.15.4	Stability of Stationary Floor Toys	N/A
4.15.5	Overload Requirements for Ride-On Toys and Toy Seats	N/A
4.15.6	Wheeled Ride-On Toys	N/A

Lab Number: C3-07048A-008A Client ID: B2104-24, Children's Backpacks

Physical-Mechanical Analysis: ASTM F963-17 Standard Consumer Safety Specification for Toy Safety

Section 4: Safety Requirements

Section	Test	Results
4.16	Confined Spaces	
4.16.1	Ventilation	N/A
4.16.2	Closures	N/A
4.16.3	Toys that Enclose the Head	N/A
4.17	Wheels, Tires, and Axles	N/A
4.18	Holes, Clearance, and Accessibility of Mechanisms	
4.18.1	Accessible Clearances for Moveable Segments	N/A
4.18.2	Circular Holes in Rigid Materials	N/A
4.18.3	Chains and Belts	N/A
4.18.4	Inaccessibility of Mechanisms	N/A
4.18.5	Winding Keys	N/A
4.18.6	Coil Springs	N/A
4.19	Simulated Protective Devices (such as helmets, hats and goggles)	
4.19.1	Eye Protection	N/A
4.20	Pacifiers	N/A
4.21	Projectile Toys	
4.21.2	Discharge Mechanisms	N/A
4.22	Teethers and Teething Toys	N/A
4.23	Rattles	N/A
4.24	Squeeze Toys	N/A
4.25	Battery Operated Toys	
4.25.10	Battery-Powered Ride-On Toys	N/A
4.25.11	Toys that Contain Secondary Cells or Secondary Batteries	N/A
4.26	Toys Intended to be Attached to a Crib or Playpen	
4.26.1	Protrusions	N/A
4.26.2	Crib Mobiles	N/A
4.26.3	Crib Gyms	N/A
4.27	Stuffed and Beanbag-Type Toys	N/A
4.28	Stroller and Carriage Toys	N/A
4.29	Art Materials	N/A
4.30	Toy Gun Marking	N/A
4.31	Balloons	N/A
4.32	Certain Toys with Nearly Spherical Ends	
4.32.3	Preschool Play Figures	N/A
4.33	Marbles	N/A
4.34	Balls	N/A
4.35	Pompoms	N/A
4.36	Hemispheric-Shaped Objects	N/A
4.37	Yo Yo Elastic Tether Toys	N/A
4.38	Magnets	N/A

Lab Number: C3-07048A-008A Client ID: B2104-24, Children's Backpacks

Physical-Mechanical Analysis: ASTM F963-17 Standard Consumer Safety Specification for Toy Safety

Section 4: Safety Requirements

Section	Test	Results
4.39	Jaw Entrapment in Handles and Steering Wheels	N/A
4.40	Expanding Materials	N/A
4.41	Toy Chests	
4.41.1	Lid Support	N/A
4.41.2	Hinge Line Clearance	N/A
4.41.3	Closures	N/A
4.41.4	Ventilation	N/A

Lab Number: C3-07048A-008A Client ID: B2104-24, Children's Backpacks

Mechanical and Physical Properties

Date of Analysis: 05/17/2023

Method: ASTM F963-17

Analyte	Pass/ Fail
Mechanical and Physical Properties	Pass, Based on Age Grade of 3 Years and Older*

*Note: The zipper pulls detached during abuse testing. A choking hazard warning label would be required if the product is intended for children at least 3 years old but less than 6 years of age.

Lab Number: C3-07048A-009A Client ID: B2105-24, Children's Backpacks

Physical-Mechanical Analysis: ASTM F963-17 Standard Consumer Safety Specification for Toy Safety**Section 4: Safety Requirements**

Section	Test	Results
4.1	Material Quality	Pass
4.2	Flammability	Listed separately, if performed
4.3	Toxicology	
4.3.7	Stuffing Materials	N/A
4.4	Electrical/Thermal	N/A
4.5	Sound-Producing	N/A
4.6	Small Objects	
	Before Use and Abuse	Pass
	After Use and Abuse	Pass, Based on Age Grade of 3 Years and Older*
4.7	Accessible Edges	
	Before Use and Abuse	Pass
	After Use and Abuse	Pass
4.8	Projections	
	Before Use and Abuse	Pass
	After Use and Abuse	Pass
4.9	Accessible Points	
	Before Use and Abuse	Pass
	After Use and Abuse	Pass
4.10	Wires or Rods	N/A
4.11	Nails and Fasteners	N/A
4.12	Plastic Film	N/A
4.13	Folding Mechanisms and Hinges	
4.13.1	Folding Mechanisms	N/A
4.13.2	Hinge-Line Clearance	N/A
4.14	Cords, Straps, and Elastics	
4.14.1	Cords, Straps, and Elastics in Toys	N/A
4.14.2	Self Retracting Pull Cords	N/A
4.14.3	Pull Toys	N/A
4.14.4	Strings and Lines for Flying Devices	N/A
4.14.5	Cords on Toy Bags Intended for Children Up to 18 Months	N/A
4.15	Stability and Over-Load Requirements	
4.15.1	Stability of Ride-On Toys and Toy Seats	N/A
4.15.2	Sideways Stability Requirements	N/A
4.15.3	Fore and Aft Stability	N/A
4.15.4	Stability of Stationary Floor Toys	N/A
4.15.5	Overload Requirements for Ride-On Toys and Toy Seats	N/A
4.15.6	Wheeled Ride-On Toys	N/A

Lab Number: C3-07048A-009A Client ID: B2105-24, Children's Backpacks

Physical-Mechanical Analysis: ASTM F963-17 Standard Consumer Safety Specification for Toy Safety**Section 4: Safety Requirements**

Section	Test	Results
4.16	Confined Spaces	
4.16.1	Ventilation	N/A
4.16.2	Closures	N/A
4.16.3	Toys that Enclose the Head	N/A
4.17	Wheels, Tires, and Axles	N/A
4.18	Holes, Clearance, and Accessibility of Mechanisms	
4.18.1	Accessible Clearances for Moveable Segments	N/A
4.18.2	Circular Holes in Rigid Materials	N/A
4.18.3	Chains and Belts	N/A
4.18.4	Inaccessibility of Mechanisms	N/A
4.18.5	Winding Keys	N/A
4.18.6	Coil Springs	N/A
4.19	Simulated Protective Devices (such as helmets, hats and goggles)	
4.19.1	Eye Protection	N/A
4.20	Pacifiers	N/A
4.21	Projectile Toys	
4.21.2	Discharge Mechanisms	N/A
4.22	Teethers and Teething Toys	N/A
4.23	Rattles	N/A
4.24	Squeeze Toys	N/A
4.25	Battery Operated Toys	
4.25.10	Battery-Powered Ride-On Toys	N/A
4.25.11	Toys that Contain Secondary Cells or Secondary Batteries	N/A
4.26	Toys Intended to be Attached to a Crib or Playpen	
4.26.1	Protrusions	N/A
4.26.2	Crib Mobiles	N/A
4.26.3	Crib Gyms	N/A
4.27	Stuffed and Beanbag-Type Toys	N/A
4.28	Stroller and Carriage Toys	N/A
4.29	Art Materials	N/A
4.30	Toy Gun Marking	N/A
4.31	Balloons	N/A
4.32	Certain Toys with Nearly Spherical Ends	
4.32.3	Preschool Play Figures	N/A
4.33	Marbles	N/A
4.34	Balls	N/A
4.35	Pompoms	N/A
4.36	Hemispheric-Shaped Objects	N/A
4.37	Yo Yo Elastic Tether Toys	N/A
4.38	Magnets	N/A

Lab Number: C3-07048A-009A Client ID: B2105-24, Children's Backpacks

Physical-Mechanical Analysis: ASTM F963-17 Standard Consumer Safety Specification for Toy Safety

Section 4: Safety Requirements

Section	Test	Results
4.39	Jaw Entrapment in Handles and Steering Wheels	N/A
4.40	Expanding Materials	N/A
4.41	Toy Chests	
4.41.1	Lid Support	N/A
4.41.2	Hinge Line Clearance	N/A
4.41.3	Closures	N/A
4.41.4	Ventilation	N/A

Lab Number: C3-07048A-009A Client ID: B2105-24, Children's Backpacks

Mechanical and Physical Properties

Date of Analysis: 05/17/2023

Method: ASTM F963-17

Analyte	Pass/ Fail
Mechanical and Physical Properties	Pass, Based on Age Grade of 3 Years and Older*

*Note: The small zipper pull from the front pocket detached during abuse testing. A choking hazard warning label would be required if the product is intended for children at least 3 years old but less than 6 years of age.

Lab Number: C3-07048A-010A Client ID: B2737DW, Children's Backpacks

Physical-Mechanical Analysis: ASTM F963-17 Standard Consumer Safety Specification for Toy Safety

Section 4: Safety Requirements

Section	Test	Results
4.1	Material Quality	Pass
4.2	Flammability	Listed separately, if performed
4.3	Toxicology	
4.3.7	Stuffing Materials	N/A
4.4	Electrical/Thermal	N/A
4.5	Sound-Producing	N/A
4.6	Small Objects	
	Before Use and Abuse	Pass
	After Use and Abuse	Pass, Based on Age Grade of 3 Years and Older*
4.7	Accessible Edges	
	Before Use and Abuse	Pass
	After Use and Abuse	Pass
4.8	Projections	
	Before Use and Abuse	Pass
	After Use and Abuse	Pass
4.9	Accessible Points	
	Before Use and Abuse	Pass
	After Use and Abuse	Pass
4.10	Wires or Rods	N/A
4.11	Nails and Fasteners	N/A
4.12	Plastic Film	N/A
4.13	Folding Mechanisms and Hinges	
4.13.1	Folding Mechanisms	N/A
4.13.2	Hinge-Line Clearance	N/A
4.14	Cords, Straps, and Elastics	
4.14.1	Cords, Straps, and Elastics in Toys	N/A
4.14.2	Self Retracting Pull Cords	N/A
4.14.3	Pull Toys	N/A
4.14.4	Strings and Lines for Flying Devices	N/A
4.14.5	Cords on Toy Bags Intended for Children Up to 18 Months	N/A
4.15	Stability and Over-Load Requirements	
4.15.1	Stability of Ride-On Toys and Toy Seats	N/A
4.15.2	Sideways Stability Requirements	N/A
4.15.3	Fore and Aft Stability	N/A
4.15.4	Stability of Stationary Floor Toys	N/A
4.15.5	Overload Requirements for Ride-On Toys and Toy Seats	N/A
4.15.6	Wheeled Ride-On Toys	N/A

Lab Number: C3-07048A-010A Client ID: B2737DW, Children's Backpacks

Physical-Mechanical Analysis: ASTM F963-17 Standard Consumer Safety Specification for Toy Safety**Section 4: Safety Requirements**

Section	Test	Results
4.16	Confined Spaces	
4.16.1	Ventilation	N/A
4.16.2	Closures	N/A
4.16.3	Toys that Enclose the Head	N/A
4.17	Wheels, Tires, and Axles	N/A
4.18	Holes, Clearance, and Accessibility of Mechanisms	
4.18.1	Accessible Clearances for Moveable Segments	N/A
4.18.2	Circular Holes in Rigid Materials	N/A
4.18.3	Chains and Belts	N/A
4.18.4	Inaccessibility of Mechanisms	N/A
4.18.5	Winding Keys	N/A
4.18.6	Coil Springs	N/A
4.19	Simulated Protective Devices (such as helmets, hats and goggles)	
4.19.1	Eye Protection	N/A
4.20	Pacifiers	N/A
4.21	Projectile Toys	
4.21.2	Discharge Mechanisms	N/A
4.22	Teethers and Teething Toys	N/A
4.23	Rattles	N/A
4.24	Squeeze Toys	N/A
4.25	Battery Operated Toys	
4.25.10	Battery-Powered Ride-On Toys	N/A
4.25.11	Toys that Contain Secondary Cells or Secondary Batteries	N/A
4.26	Toys Intended to be Attached to a Crib or Playpen	
4.26.1	Protrusions	N/A
4.26.2	Crib Mobiles	N/A
4.26.3	Crib Gyms	N/A
4.27	Stuffed and Beanbag-Type Toys	N/A
4.28	Stroller and Carriage Toys	N/A
4.29	Art Materials	N/A
4.30	Toy Gun Marking	N/A
4.31	Balloons	N/A
4.32	Certain Toys with Nearly Spherical Ends	
4.32.3	Preschool Play Figures	N/A
4.33	Marbles	N/A
4.34	Balls	N/A
4.35	Pompoms	N/A
4.36	Hemispheric-Shaped Objects	N/A
4.37	Yo Yo Elastic Tether Toys	N/A
4.38	Magnets	N/A

Lab Number: C3-07048A-010A Client ID: B2737DW, Children's Backpacks

Physical-Mechanical Analysis: ASTM F963-17 Standard Consumer Safety Specification for Toy Safety**Section 4: Safety Requirements**

Section	Test	Results
4.39	Jaw Entrapment in Handles and Steering Wheels	N/A
4.40	Expanding Materials	N/A
4.41	Toy Chests	
4.41.1	Lid Support	N/A
4.41.2	Hinge Line Clearance	N/A
4.41.3	Closures	N/A
4.41.4	Ventilation	N/A

Lab Number: C3-07048A-010A Client ID: B2737DW, Children's Backpacks

Mechanical and Physical Properties

Date of Analysis: 05/17/2023

Method: ASTM F963-17

Analyte	Pass/ Fail
Mechanical and Physical Properties	Pass, Based on Age Grade of 3 Years and Older*

*Note: The zipper pulls detached during abuse testing. A choking hazard warning label would be required if the product is intended for children at least 3 years old but less than 6 years of age.

Lab Number: C3-07048A-011E

Client ID: Composite of the Plastic Substrate of Pouch and Zipper – 001B and 001C

Lead

Date of Analysis: 05/31/2023

Method: CPSC-CH-E1002-08

Method Flag: L

Analyte	Results	Reporting Limit	Units	Dilution Factor	CPSC* Limit	Pass/ Fail	Data Flag
Lead	< 15	15	ppm	1	50 ppm	PASS	

Cadmium

Date of Analysis: 05/31/2023

Method: ASTM F963-17

Method Flag: L

Analyte	Results	Reporting Limit	Units	Dilution Factor	CSPA* Limit	Pass/ Fail	Data Flag
Cadmium	< 0.87	0.87	ppm	1	20 ppm	PASS	

Phthalates

Date of Analysis: 05/24/2023

Method: CPSC-CH-C1001-09.4

Method Flag: L

Analyte	Results	Reporting Limit	Units	Dilution Factor	CPSC* Limit	Pass/ Fail	Data Flag
Benzyl butyl phthalate (BBP)	< 0.020	0.020	%	1	0.5%	PASS	
Di-(2-ethylhexyl) phthalate (DEHP)	< 0.020	0.020	%	1	0.5%	PASS	
Dibutyl phthalate (DBP)	< 0.020	0.020	%	1	0.5%	PASS	
Diisononyl phthalate (DINP)	< 0.020	0.020	%	1	0.5%	PASS	
Di-n-pentyl phthalate (DPENP)	< 0.020	0.020	%	1	0.5%	PASS	
Di-n-hexyl phthalate (DnHP)	< 0.020	0.020	%	1	0.5%	PASS	
Dicyclohexyl phthalate (DCHP)	< 0.020	0.020	%	1	0.5%	PASS	
Diisobutyl phthalate (DIBP)	< 0.020	0.020	%	1	0.5%	PASS	

Report Note: The acceptance limit is calculated based on the regulatory limit, adjusted for the two composited items. An equitable composition of the sample is assumed.

Armstrong Forensic Laboratory, Inc.

Report No: C3PT07048-1A

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Lab Number: C3-07048A-012B

Client ID: SS-8, SS-16, SS-32, Children SS with Pouch (Pouch – Translucent Plastic Substrate)

Lead	Date of Analysis:	05/31/2023
Method: CPSC-CH-E1002-08	Method Flag:	L

Analyte	Results	Reporting Limit	Units	Dilution Factor	CPSC Limit	Pass/Fail	Data Flag
Lead	< 18	18	ppm	1	100 ppm	PASS	

Cadmium	Date of Analysis:	05/31/2023
Method: ASTM F963-17	Method Flag:	L

Analyte	Results	Reporting Limit	Units	Dilution Factor	CSPA Limit	Pass/Fail	Data Flag
Cadmium	< 1.1	1.1	ppm	1	40 ppm	PASS	

Phthalates	Date of Analysis:	05/24/2023
Method: CPSC-CH-C1001-09.4	Method Flag:	L

Analyte	Results	Reporting Limit	Units	Dilution Factor	CPSC Limit	Pass/Fail	Data Flag
Benzyl butyl phthalate (BBP)	< 0.020	0.020	%	1	0.1%	PASS	
Di-(2-ethylhexyl) phthalate (DEHP)	< 0.020	0.020	%	1	0.1%	PASS	
Dibutyl phthalate (DBP)	< 0.020	0.020	%	1	0.1%	PASS	
Diisononyl phthalate (DINP)	< 0.020	0.020	%	1	0.1%	PASS	
Di-n-pentyl phthalate (DPENP)	< 0.020	0.020	%	1	0.1%	PASS	
Di-n-hexyl phthalate (DnHP)	< 0.020	0.020	%	1	0.1%	PASS	
Dicyclohexyl phthalate (DCHP)	< 0.020	0.020	%	1	0.1%	PASS	
Diisobutyl phthalate (DIBP)	< 0.020	0.020	%	1	0.1%	PASS	

Armstrong Forensic Laboratory, Inc.

Report No: C3PT07048-1A

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Lab Number: C3-07048A-015A Client ID: Composite of the Plastic Substrate of Zipper Teeth – 001C, 003C, and 006C

Lead Date of Analysis: 05/31/2023**Method: CPSC-CH-E1002-08** Method Flag: L

Analyte	Results	Reporting Limit	Units	Dilution Factor	CPSC* Limit	Pass/Fail	Data Flag
Lead	< 19	19	ppm	1	33 ppm	PASS	

Cadmium Date of Analysis: 05/31/2023**Method: ASTM F963-17** Method Flag: L

Analyte	Results	Reporting Limit	Units	Dilution Factor	CSPA* Limit	Pass/Fail	Data Flag
Cadmium	< 0.82	0.82	ppm	1	13.33 ppm	PASS	

Phthalates Date of Analysis: 05/24/2023**Method: CPSC-CH-C1001-09.4** Method Flag: L

Analyte	Results	Reporting Limit	Units	Dilution Factor	CPSC* Limit	Pass/Fail	Data Flag
Benzyl butyl phthalate (BBP)	< 0.020	0.020	%	1	CPSC* Limit	PASS	
Di-(2-ethylhexyl) phthalate (DEHP)	< 0.020	0.020	%	1	0.033%	PASS	
Dibutyl phthalate (DBP)	< 0.020	0.020	%	1	0.033%	PASS	
Diisononyl phthalate (DINP)	< 0.020	0.020	%	1	0.033%	PASS	
Di-n-pentyl phthalate (DPENP)	< 0.020	0.020	%	1	0.033%	PASS	
Di-n-hexyl phthalate (DnHP)	< 0.020	0.020	%	1	0.033%	PASS	
Dicyclohexyl phthalate (DCHP)	< 0.020	0.020	%	1	0.033%	PASS	
Diisobutyl phthalate (DIBP)	< 0.020	0.020	%	1	0.033%	PASS	

Report Note: The acceptance limit is calculated based on the regulatory limit, adjusted for the three composited items. An equitable composition of the sample is assumed.

Photographs



Photographs



Photographs



Photographs



Report Qualifiers/Definitions

Report Qualifiers (Data Flags):

- A - Analysis accredited by ANAB and TFSC.
- AP - Accreditation is pending.
- B - The analyte was detected in the method blank exceeding 1/10th the observed sample concentration.
- BDL - Below Detection Limits.
- C - Results are Method Blank subtracted.
- D - The sample required dilution to meet AFL/Method QC acceptance requirements.
- DS - The Surrogates/Internal Standards were diluted past report limitations.
- E - Analysis accredited by TCEQ for NELAP.
- H - Analysis accredited by AIHA-LAP; IHLAP and/or ELLAP.
- J - Estimated Value.
- L - Analysis accredited by PJLA for CPSC.
- N - This analyte is not currently a part of Armstrong's accreditation.
- O - Other; explanation provided.
- Q - Results are outside AFL/Method acceptance limit(s); explanation provided.
- S - Results are Client Blank subtracted.
- W - The results are based on the dry weight of the sample.
- V - Analyte concentration outside calibration range; the result is estimated.

Report Acronyms and Symbols:

- BRL - Below Reporting Limits
- COC - Chain of Custody; Evidence Transmittal Letter
- DF - Dilution Factor
- DL - Discharge Limit
- DUP - Duplicate
- GC/MS - Gas Chromatography/Mass Spectrometry
- LCS/D - Laboratory Control Sample/Duplicate
- MB - Method Blank
- MS/D - Matrix Spike/Duplicate
- NA - Not Applicable
- NR - Not reported by Client
- RL - Reporting Limits are the lowest concentration reportable with confidence.
- RPD - Relative Percent Deviation
- STD - Standards
- TIC - Tentatively Identified Compound
- QA - Quality Assurance
- QC - Quality Control

Laboratory Accreditations, Licensures and Certifications:

American Industrial Hygiene Association Laboratory Accreditation Program Certificate 101413: IHLAP, ELLAP.

ANSI National Accreditation Board: Certificate FT-0293 for Fire Debris, Materials (Trace), Seized Drugs, and Toxicology (Volatiles)

Texas Commission on Environmental Quality for NELAP: Certificate T104704240-23-19.

Perry Johnson Laboratory Accreditation for CPSC: Certificate 64631.

Texas Forensic Science Commission: Fire Debris, Materials (Trace), Seized Drugs, and Toxicology (Volatiles)

Texas Department of Licensing and Regulation Mold Analysis Laboratory: LAB0107.

Sample Receipt Checklist

Armstrong
Forensic Laboratory

More than just Numbers

Sample Receipt
Checklist



Work Order Number **C307048A**

Date and Time Received: 5/1/2023 11:15:00 AM

Complete for All Samples

Checklist completed by: Price, Daniel R. | Date: 5/15/2023 11:51:43 AM | Carrier name: UPS
Received By: Price, Daniel R.

Sample Containers Intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Chain of Custody Complete?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Chain of custody agrees with Sample Labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>

Complete for Environmental and Industrial Hygiene, Only

Samples in Proper Containers?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Sufficient Sample for Analysis?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Sample Received within Hold Time?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Temperature in compliance?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Thermometer ID: T-092 Correction Factor: 0 Calibration Expires: 5/13/2023			
Received on ice?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>

Complete for Liquid Environmental, Only

VOA(s) Received without Headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
pH's Acceptable?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
pH(s) Adjusted at Laboratory?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
pH PaperID	pH Paper Expires	By: _____	

All No responses must be detailed in the comments section below.

Person contacted :

Date contacted :

Contacted by :

Comments : All samples received within holding time except as listed below:

Action Taken :

Chain of Custody

Armstrong Forensic Laboratory, Inc. *Chain of Custody*

330 Loch'n Green Trail Arlington, Texas 76012-3481 817.275.2691 (voice) 817.275.1883 (fax) www.AFLab.com

Product Testing

ORIGINAL

SOP 1.1.1.024 Rev 1, Eff 07/06/2015

Contact: Ricky Hu		Project No: 504		AFL Case No: C3PT07048	
Company: A.m.d.a. Distributors Inc		Project: Children Backpacks Test		Date Received: 5-1-23 DRP 5-1-23	
Address: 401 Hardy Ave Corsicana, TX 75110		Children Backpacks Test		Circle Protocol: CPSC HASBRO MATTEL Other	
Email: rick@backpacksusa.com		Children Backpacks Test		Services Requested	
Phone: (469) 7584738 Fax: ()		Request Quote before Testing <input checked="" type="checkbox"/>			
Circle TAT: X Regular Rush Priority					
Sample Information					
Lab Use Only	Sample Description	Item No./SKU	Qty		
001A	Children's Backpacks	10067-PTF-DRP 5-1-23	1		
002A	Children's Backpacks	B2727DW /	1		
003A	Children's Backpacks	B2735DW /	1		
004A	Children's Backpacks	B2736DW /	1		
005A	Children's Backpacks	BG1759 /	1		
006A	Children's Backpacks	BP2701DW-DRP 5-1-23	1		
007A	Children's Backpacks	B2719DW /	1		
008A	Children's Backpacks	B2404DW-B2104-24-DRP 5-1-23	1		
009A	Children's Backpacks	B2105-B2105-24	1		
010A	Children's Backpacks	B2737DW /	1		
Notes:		Released By: (Signature) <i>[Signature]</i>	Date/Time: 5/1/23 9 AM	Received By: (Signature) <i>[Signature]</i>	Date/Time:
		Released By: (Signature)	Date/Time:	Received at Lab By: <i>[Signature]</i>	Date/Time: 5-1-23 11:15 AM

