

# Armstrong

Forensic Laboratory, Inc.

330 Loch'n Green Trail Arlington, Texas 76012-3458  
817-275-2691 Fax: 817-275-1883



Andrew T. Armstrong, PhD  
Marion K. Armstrong, MSPH, MBA, CIH  
Kelly L. Wouters, PhD  
Karen M. Deiss, BS

June 20, 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: C3PT07048-2

### Report Sections:

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

### Sample Descriptions:

Laboratory ID	Client ID	Sample Description
C3-07048B-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	B2701DW	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's SS with Pouch
C3-07048A-012A	SS-8, SS-16, SS-32	Children's 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. C3-07048B-001A was separated for analysis. All other samples were previously reported.

***Armstrong Forensic Laboratory, Inc.***

Report No: C3PT07048-2

Page 2 of 11

*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  
C3-07048-2

**Analytical Data**

Lab Number: C3-07048B-001E      Client ID: 10067-F, 17" Backpack Children's Backpacks (Lock Slider Buckles – Black Plastic Substrate)

---

<b>Lead</b>	Date of Analysis:	06/09/2023
<b>Method: CPSC-CH-E1002-08</b>	Method Flag:	L

---

Analyte	Results	Reporting Limit	Units	Dilution Factor	CPSC Limit	Pass/Fail	Data Flag
Lead	< 46	46	ppm	1	100 ppm	PASS	

---

---

<b>Soluble Cadmium</b>	Date of Analysis:	06/08/2023
<b>Method: ASTM F963</b>	Method Flag:	L

---

Analyte	Results	Reporting Limits	Units	Dilution Factor	Soluble Limit	Pass/Fail	Data Flag
Soluble Cadmium	< 0.36	0.36	ppm	1	75 ppm	PASS	

---

---

<b>Phthalates</b>	Date of Analysis:	06/09/2023
<b>Method: CPSC-CH-C1001-09.4</b>	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	

---

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.

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

Chain of Custody

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		Children Backpacks Test		Circle Protocol: CPSC HASBRO MATTEL Other	
Corsicana, TX 75110		Children Backpacks Test		Services Requested	
Email: rick@backpacksusa.com		Request Quote before Testing <input checked="" type="checkbox"/>			
Phone: (469) 7584738 Fax: ( )		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	1		
009A	Children's Backpacks	B2105- -B2105-24	1		
010A	Children's Backpacks	B2737DW /	1		
Notes:		Released By: (Signature)	Date/Time: 5/1/23 9 AM	Received By: (Signature)	Date/Time:
		Released By: (Signature)	Date/Time:	Received at Lab By: DRP	Date/Time: 5-1-23 11:15AM

