



# CONSUMER TESTING LABORATORIES, Inc.

HARDLINES TESTING LABORATORY • 611 DREAM VALLEY ROAD • ROGERS, AR 72756  
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## Evaluation of Test Results

Lab Report No: ARHL0145836

Date: May 09, 2011

Item Description: 12 Ounce Crazy Straw Sports Bottle - Pink

CLIENT: Walmart USA

BUYER: Rhett Daniel

DEPARTMENT: 14

BRAND:

ORDER TYPE: Domestic

SOURCING OFFICE: Not Applicable

STYLE NUMBER: W0429

TEST TYPE: Production-Limited Testing

REASON FOR TESTING: Evaluation of labeling requirements per the FPLA & UPLR and Direct Food Contact requirements only. For full performance data refer to ARHL0145833.

COUNTRY OF ORIGIN: Mexico

SUPPLIER NAME: Funtime International Inc

HOST VENDOR NUMBER: 546341

SUPPLIER ID: 521375898

FACTORY NAME: Mexstar Ensembles

FACTORY NUMBER: 28093144

\*\*\* Please see the following pages for additional item information \*\*\*

Rating: **Pass**

## Specialists in the Evaluation of Consumer Products Since 1952

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## ADDITIONAL SAMPLE INFORMATION

**SIZE(S)**

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12 oz.

**COLOR(S)**

---

Pink

**UPC CODE(S)**

---

01520122012

**ITEM NUMBER(S)**

---

Not Provided

**PO NUMBER(S)**

---

Not Provided

CONSUMER TESTING LABORATORIES, INC.



Farrell Stephens

CATEGORY MANAGER, HARDLINES TESTING

CONSUMER TESTING LABORATORIES, INC.



Kevin Madryga

DIRECTOR, HARDLINES TESTING

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**DIRECT FOOD CONTACT PRODUCTS**

TECHNICAL WORKSHEET SUPPLEMENT

SAMPLE 12 OUNCE KRAZY STRAW SPORTS BOTTLE

STOCK No. W0429

**I. IDENTIFICATION and INSPECTION**

	PASS	FAIL	COMMENTS
<p><i>Note: This worksheet is a supplement and must accompany the applicable product specific worksheet</i></p>			
<p><b>PACKAGING / LABELING</b>  <u>SIPPY CUPS AND EMPTY BABY BOTTLES</u>                      Packaging for products intended for children 3 years and under exhibits the following:                      Labeled with the phrase "BPA Free", "Bisphenol A Free" or equivalent</p>	---	---	N/A - Not a sippy cup / baby bottle
<p><u>ALL OTHER FOOD CONTACT PRODUCTS FOR INFANTS AND TODDLERS</u>                      Packaging for products intended for children 3 years and under exhibits the following: <i>(Required for preproduction and production starting 06/01/2011)</i>                      Labeled with the phrase "BPA Free", "Bisphenol A Free" or equivalent</p>	---	---	N/A - Not required until 06/01/2011
<p><u>CALIFORNIA</u>                      The following warning is visible at point of sale and is affixed to either the packaging, labeling, or the sample of the leaded crystalware                       "WARNING Consumer foods or beverages that have been kept or served in leaded crystal products exposes you to lead, a chemical known to the State of California to cause birth defects or other reproductive harm"</p>	---	---	N/A - Not a leaded crystal product
<p><b>MARKING</b>  <u>Plastic Bag Marking (packaging)</u>  <i>Applies to plastic bags regardless of food contact</i>                      Warning Label : (Warning suffocation hazard label is required to be placed on bags less than 1 mil thickness and 5 inch diameter or greater opening, applicable for US only)</p>			

	PASS	FAIL	COMMENTS
<p><u>Bags exhibit the following or an equivalent:</u></p> <p>"WARNING: To avoid danger of suffocation, keep this plastic bag away from babies and children. Do not use this bag in cribs, beds, carriages or playpens. This bag is not a toy."</p>	---	---	N/A - No plastic bag packaging
<p>Bags whose total length and width when added together is 40 inches and greater exhibit the above or equivalent repeated at 20 inch intervals</p>	---	---	N/A - No plastic bag packaging
<p>Font size of the warning meets one of the following requirements:</p>			
<p><i>Note: bag size is total length and width of bag added together</i></p>			
<p>Bag 60 in or greater - font size 24 point (0.24 in) or greater</p>	---	---	N/A - No plastic bag packaging
<p>Bag less than 60 in to 40 in - font size 18 point (0.18 in) or greater</p>	---	---	N/A - No plastic bag packaging
<p>Bag less than 40 in to 25 in - font size 14 point (0.14 in) or greater</p>	---	---	N/A - No plastic bag packaging
<p>Bag less than 25 in - font size 10 point (0.10 in) or greater</p>	---	---	N/A - No plastic bag packaging
<p>Label locations <u>---</u></p>			
<p><u>NSF Marking</u> (as applicable)</p>			
<p>Products with NSF (National Sanitation Foundation) mark, have verified listing</p>	---	---	N/A - Not NSF marked
<p>Listing information <u>---</u></p>			
<p><u>Formaldehyde Emissions Packaging Label</u> (CARB / ATCM)(Applicable to pre-production and production only)</p>			
<p><i>Applies to wood composite materials only</i></p>			
<p>Provides one of the following</p>	---	---	N/A - No wood composite components
<p>The following statement and information is on both the packaging and product in a clearly visible location and readable by the consumer</p>			
<p>This product contains composite wood that complies with phase 1 [or phase 2] of the ATCM</p>			
<p><u>---</u> Y/N</p>			
<p>the fabricator's name <u>---</u> Y/N</p>			
<p><u>---</u></p>			

	PASS	FAIL	COMMENTS
<p>fabrication date in the following format: mm/yyyy or mm/dd/yyyy</p> <p style="text-align: right;">--- Y/N</p> <p style="text-align: center;">---</p> <p><b>OR</b></p> <p>If determined that it is not practical to place labeling on the product in addition to the packaging, a letter of justification is provided which includes an explanation of the logic used to make the determination</p> <p style="text-align: right;">--- Y/N</p>			

**II. PERFORMANCE TESTING**

	PASS	FAIL	COMMENTS																										
<p><b>FDA COMPLIANCE FOR FOOD CONTACT MATERIALS</b></p> <p>Product must meet the following requirements as applicable:</p> <p><u>PLASTIC COMPONENTS and/or COATINGS</u></p> <p>Plastic components and / or coatings meet one of the following:</p> <p>Testing of plastic components and / or coating meets the regulations of US FDA food simulating solvent and extraction (21 CFR 175/177)</p> <p style="text-align: right;">Yes Y/N</p> <table border="0" style="width: 100%;"> <tr> <td style="width: 25%;">Test Standard</td> <td>Material Type</td> </tr> <tr> <td>Part 175.300</td> <td>Resinous and Polymeric Coatings</td> </tr> <tr> <td>Part 177.1010</td> <td>Acrylic &amp; Modified Acrylic Polymer</td> </tr> <tr> <td>Part 177.1210</td> <td>Closures with Sealing Gaskets for Food Containers</td> </tr> <tr> <td>Part 177.1350</td> <td>Ethylene – Vinyl Acetate (EVA)</td> </tr> <tr> <td>Part 177.1460</td> <td>Melamine – Formaldehyde Resins</td> </tr> <tr> <td>Part 177.1500</td> <td>Nylon</td> </tr> <tr> <td>Part 177.1520</td> <td>Olefin Polymers – Polyethylene (PE), Polypropylene (PP) &amp; Copolymers</td> </tr> <tr> <td>Part 177.1580</td> <td>Polycarbonate (PC)</td> </tr> <tr> <td>Part 177.1630(f), (g), (i)</td> <td>Polyethylene Phthalate Polymers</td> </tr> <tr> <td>Part 177.1640</td> <td>Polystyrene (PS)</td> </tr> <tr> <td>Part 177.1810(b)</td> <td>Styrene Block Polymer</td> </tr> <tr> <td>Part 177.1830</td> <td>Styrene – Methyl methacrylate copolymer</td> </tr> </table>	Test Standard	Material Type	Part 175.300	Resinous and Polymeric Coatings	Part 177.1010	Acrylic & Modified Acrylic Polymer	Part 177.1210	Closures with Sealing Gaskets for Food Containers	Part 177.1350	Ethylene – Vinyl Acetate (EVA)	Part 177.1460	Melamine – Formaldehyde Resins	Part 177.1500	Nylon	Part 177.1520	Olefin Polymers – Polyethylene (PE), Polypropylene (PP) & Copolymers	Part 177.1580	Polycarbonate (PC)	Part 177.1630(f), (g), (i)	Polyethylene Phthalate Polymers	Part 177.1640	Polystyrene (PS)	Part 177.1810(b)	Styrene Block Polymer	Part 177.1830	Styrene – Methyl methacrylate copolymer	x		
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	PASS	FAIL	COMMENTS
Part 177.2410 Phenolic Resins in molded articles Part 177.2420 Polyester Resins, Crosslinked Part 177.2470 Polyoxymethylene Copolymer Part 177.2480 Polyoxymethylene Homopolymer Part 177.2600 Rubber and/or Silicone Part 181.32 Acrylonitrile Copolymer and Resins (A% <30%)			
<p><b>OR</b></p> <p>A test report is provided stating plastics components and / or coating meets the regulations of US FDA food simulating solvent and extraction (21 CFR 175/177).</p> <p style="text-align: right;">--- Y/N</p> <p>Report Date (dated within 1 year) ---</p>			
<p><b><u>POLYMERIC AND / OR RESINOUS COATED WOOD</u></b></p> <p>Coating must comply with appropriate 21 CFR 175.300. Vender must supply documentation that all additives used in the coating are FDA approved, have prior sanction or GRAS approved. The coated wood must comply to the appropriate condition under 21 CFR 175.300. (In lieu of testing, a passing test report may be submitted If dated within one year)</p> <p>Report Date (dated within 1 year) ---</p>	---	---	<p>N/A - No coated wood components in direct contact with food</p> <p>N/A</p>
<p><b><u>PAPER PRODUCT</u></b></p> <p><i>Note: The following FDA Additives section applies to products that are made entirely or partially of paper</i></p> <p>Test report from independent test lab to demonstrate compliance to all applicable parts of the Food and Drug Administration (FDA) regulation under 21 CFR including parts: 175 Indirect food additives: Adhesive and components of coatings, 176 Indirect food additives: Paper and paperboard components, 177 Indirect food additives: Polymers, 178 Indirect food additives: Adjuvant, production aids and sanitizer (not applicable to plastic/foam products) (In lieu of testing, a passing test report may be submitted If dated within one year)</p> <p>Report Date (dated within 1 year) ---</p>	---	---	<p>N/A - Not a paper product that comes in contact with food</p>

	PASS	FAIL	COMMENTS
<p><b><u>STAINLESS STEEL CLAIMS</u></b></p> <p>Products with stainless steel claim are made of 200, 300 or 400 stainless steel; or an alloy containing 16% Chromium. Exception: In the case of cutlery/blades, the chromium content can be lower than 16% if they are tempered or hardened by an appropriate post-heat treatment process. (In lieu of testing, a passing test report may be submitted if dated within one year)</p> <p>Report Date (dated within 1 year) <u>---</u></p>	---	---	<p><i>N/A - No metal components in direct contact with food</i></p>
<p><b><u>FOOD GRADE ALUMINUM ALLOYS</u></b></p> <p>Sheet and extrusion aluminum alloys made from 1xxx, 3xxx, 4xxx, 5xxx and 6xxx series alloys may be safely used for food contact. Casting alloys made from 218.x, 308.0, 319.0, 332.0, 356.0, 360.0, 413.0, B443.0, 514.0, 520.0, or 713.0 may be safely used for food contact. (In lieu of testing, a passing test report may be submitted if dated within one year)</p> <p>Report Date (dated within 1 year) <u>---</u></p>	---	---	<p><i>N/A</i></p> <p><i>N/A - No metal components in direct contact with food</i></p> <p><i>N/A</i></p>
<p><b><u>NATURAL WOOD USED IN CONTACT WITH FOOD</u></b></p> <p>Documentation is provided stating that hard maple or an equivalently hard, close-grained wood is used for cutting boards, cutting blocks, baker's tables, rolling pins, doughnut dowels, salad bowls and chopsticks.</p> <p>Documentation date <u>---</u></p>	---	---	<p><i>N/A - No uncoated natural wood components in direct contact with food</i></p> <p><i>N/A</i></p>
<p><b><u>EXTRACTABLE LEAD - SILVER PLATED PEWTER</u></b></p> <p>Silver plated pewter interior of the product lead content does not exceed 7.0 ppm</p>	---	---	<p><i>N/A - No metal components in direct contact with food</i></p>
<p><b><u>LEAD IN PEWTER ALLOYS</u></b></p> <p>Lead must not exceed 0.05% (500) ppm in food contact surfaces</p>	---	---	<p><i>N/A - No metal components in direct contact with food</i></p>
<p><b><u>LEAD CONTENT OF SOLDER AND FLUX</u></b></p> <p>Solder demonstrates a lead content not exceeding 0.2% (2000 ppm) by weight</p>	---	---	<p><i>N/A - No metal components in direct contact with food</i></p>

	PASS	FAIL	COMMENTS
<p><u>EXTRACTABLE CADMIUM AND LEAD</u></p>			
<p>Glassware with decorations that contact food, ceramicware, pewter, and enameled metalware interior of the product meets the following requirements as applicable</p>	---	---	<p><i>N/A - Product is not glassware with decorations that contact food, ceramicware, pewter, or enameled metalware</i></p>
<p>Large hollowware = bowls &gt; 1.1 liter (1.16 quart)</p>			
<p>Small hollowware = bowls &lt; 1.1 liter (1.16 quart)</p>			
<p>Flat tableware = plates, saucers, etc.</p>			
<p><u>Lead</u></p>			
<p>Flatware - must not exceed 0.226 ppm                  _____                  --- Y/N</p>			
<p>Mugs/Cups/Pitchers - must not exceed 0.1 ppm                  _____                  --- Y/N</p>			
<p>Small Hollowware - must not exceed 0.1 ppm                  _____                  --- Y/N</p>			
<p>Large Hollowware - must not exceed 0.1 ppm                  _____                  --- Y/N</p>			
<p><u>Cadmium</u></p>			
<p>Flatware - must not exceed 0.5 ppm                  _____                  --- Y/N</p>			
<p>Small Hollowware (including cups and mugs)- must not exceed 0.189 ppm                  _____                  --- Y/N</p>			
<p>Large Hollowware (including pitchers) - must not exceed 0.049 ppm                  _____                  --- Y/N</p>			
<p><u>OTHER MATERIALS</u></p>			
<p><i>Note: This requirement applies to materials that contact food that do not meet any of the previous nine requirements</i></p>			
<p>Product intended to be used in contact with food shall conform to the applicable requirements of the Food, Drug, and Cosmetic Act (FD&amp;CA), specifically 21 CFR 170-189. The vendor must have documentation that all raw materials used in the finished article are FDA approved, have prior sanction or are GRAS approved. The finished article must meet the requirements of the appropriate section. (In lieu of testing, a passing test report may be submitted If dated within one year)</p>			
<p>Report Date (dated within 1 year) _____                  ---</p>	---	---	<p><i>N/A - meets a previous requirement</i></p>

	PASS	FAIL	COMMENTS
<p><b><u>METAL SPIGOT</u></b></p> <p>Food contact surfaces of the metal dispensing spigot (if applicable) complies with the leachable lead requirements. The spigot must not demonstrate excessive leachable lead when applying the FDA limits for small hollowware (2.0 ppm)</p>	---	---	N/A - Product does not contain a metal spigot
<p><b><u>CALIFORNIA</u></b></p> <p>California Safe Drinking Water and Toxic Enforcement Act</p>	---	---	N/A - Product does not contain a metal spigot
<p>The following label (or equivalent) is visible at point of sale and is affixed to either the packaging or the product if the California Safe Drinking Water and Toxic Enforcement Act limits are exceeded for small hollowware (0.100 ppm):</p> <p>"WARNING: This product contains a chemical known to the State of California to cause cancer"</p>	---	---	N/A - Product does not contain a metal spigot
<p><b><u>SGCD EXTRACTABLE LEAD &amp; CADMIUM</u></b></p> <p>Exterior decorations applied within 20mm of the rim of cups, mugs, glasses or other vessels shall conform to the applicable requirements as defined by the standards. (In lieu of testing, a passing test report may be submitted if dated within one year)</p> <p>Report Date (dated within 1 year)      ---</p>	---	---	N/A - Product has no external decorations within 20mm of the rim
<p><b><u>EXTERNAL DECORATION</u></b></p> <p>(Glass, ceramic and porcelain drinking glasses, cups and mugs only)(Not applicable to plastic products)</p> <p>Products with external decoration that is painted, fired, or the like, does not exceed lead limits as established by California Proposition 65, if sold in the State of California</p>	---	---	N/A
			N/A - Is not a drinking glass, cup or mug with external decorations

	PASS	FAIL	COMMENTS
<p><b>LIQUIDS, PUTTIES, PASTES, POWDERS, GELS</b>  <u>USP 61 / 62 Microbiological Examination</u></p> <p>Test report is provided indicating the product meets the requirements of &lt;1,000 CFU/ml for total viable count (total plate count + yeast &amp; mold count) and is not contaminated with Salmonella, E. Coli, Pseudomonas Aeruginosa, or Staphylococcus Aureus as intended to minimize risk associated with lack of cleanliness, shelf life and contamination. Product shall not be contaminated with Clostridia species, Candida albicans and Bile tolerant Gram negative bacteria.</p> <p>Report Date (dated within 1 year) _____</p>	---	---	N/A - No liquids, putties, pastes, powders or gels
<p><u>USP 51 Preservative Effectiveness Test</u></p> <p>Test report is provided which indicates that liquids, putties, pastes, powders, or gels sampled from the finished goods have been tested in accordance to United States Pharmacopeia (USP) 51 Preservative Effectiveness Test</p> <p>Report Date (dated within 2 years) _____</p>	---	---	N/A - No liquids, putties, pastes, powders or gels
<p><b>HAZARDOUS LIQUIDS</b></p> <p>Test report is provided indicating no hazardous chemicals are present in liquid filled products in accordance with 16 CFR 1500.231 (if applicable)</p> <p>Report Date (dated within 1 year) _____</p>	---	---	N/A - Not a liquid filled product
<p><b>BPA CONTENT OF COMPONENTS - INFANT and TODDLER PRODUCTS FOR 3 YEARS AND UNDER</b></p> <p><i>Note: This requirement is for all components of the product, not just food contact components</i></p> <p><i>Note: Polypropylene, Polyethylene, glass, ceramic, metal, wood, are exempt. All other polymeric (plastic) materials must meet this requirement</i></p> <p><i>Note: Lids and gaskets are included in testing regardless if the product is intended for dry food storage</i></p> <p><u>Polymeric components manufactured from non-silicone materials</u></p> <p>Total BPA does not exceed 2ppm by weight</p> <p><b>OR</b></p>	---	---	N/A - Not for infant or toddler 3 yrs or under

	PASS	FAIL	COMMENTS
<p>Test report showing product contains no more than 2ppm BPA. (In lieu of testing, a passing test report may be submitted If dated within 6 months)</p> <p>Report Date (dated within 6 months) <u>---</u></p>	---	---	N/A - Not for infant or toddler 3 yrs or under
<p><u>Products manufactured from silicone materials</u></p> <p>Letter of guarantee certifying that the product does not contain BPA (dated within 6 months)</p> <p>Report Date (dated within 6 months) <u>---</u></p>	---	---	N/A - Not for infant or toddler 3 yrs or under
<p><b>BPA CONTENT OF COMPONENTS - ADULT PRODUCTS WITH LIDS ONLY</b> <i>(Required for preproduction and production starting 04/01/2011)(Not required for Cookware / Bakeware, only applicable to food and beverage storage containers with lids)</i></p> <p><i>Note: This requirement is only for the food contact components of the product</i></p> <p><i>Note: Polypropylene, Polyethylene, glass, ceramic, metal, wood, are exempt. All other polymeric (plastic) materials must meet this requirement</i></p> <p><i>Note: Lids and gaskets are included in testing regardless if the product is intended for dry food storage</i></p>			
<p><u>Polymeric components manufactured from non-silicone materials</u></p>			
<p>Total BPA does not exceed 2ppm by weight</p> <p><b>OR</b></p>	x		
<p>Test report showing product contains no more than 2ppm BPA. (In lieu of testing, a passing test report may be submitted If dated within one year)</p> <p>Report Date (dated within 1 year) <u>---</u></p>	---	---	N/A - Performed testing
<p><u>Products manufactured from silicone materials</u></p> <p>Letter of guarantee certifying that the product does not contain BPA (dated within 1 year)</p> <p>Report Date (dated within 1 year) <u>---</u></p>	---	---	N/A - No applicable materials
<p><b>LABEL CLAIMS</b></p> <p>Label claims are verified.</p> <p><u>BPA free</u></p> <p>---</p> <p>---</p> <p>---</p>	x		

CLIENT Walmart USA

LABORATORY REPORT No. ARHL0145836

	PASS	FAIL	COMMENTS
<p><b>RESTRICTED SUBSTANCES / CHILD SAFETY</b></p> <p>Products marketed or intended for children meets the requirements of RESTRICTED CHEMICAL / SUBSTANCE and HAZARDOUS COMPONENTS TESTING for CHILDREN'S PRODUCT (26-35)</p>	---	---	<p>N/A - Not marketed for children</p>

**III. CONCLUSIONS**

OVERALL RATING	PASS
<p>COMMENTS:</p>	

Reference material: Wal Mart Food and Food Contact Protocol, Wal Mart Food Contact Metalware (Non Cooking) Protocol

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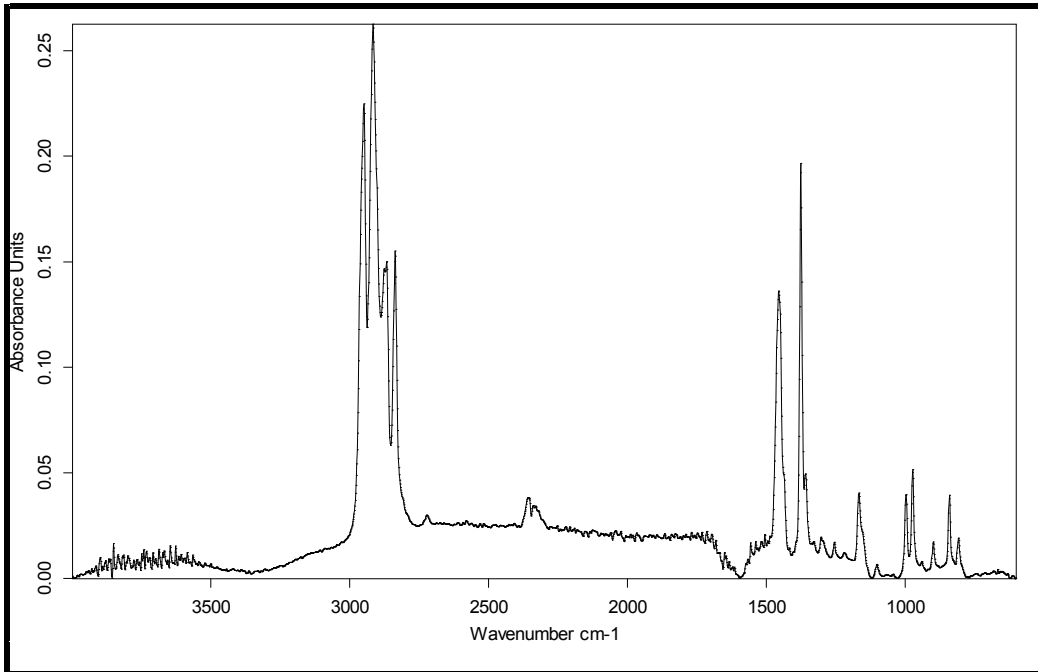




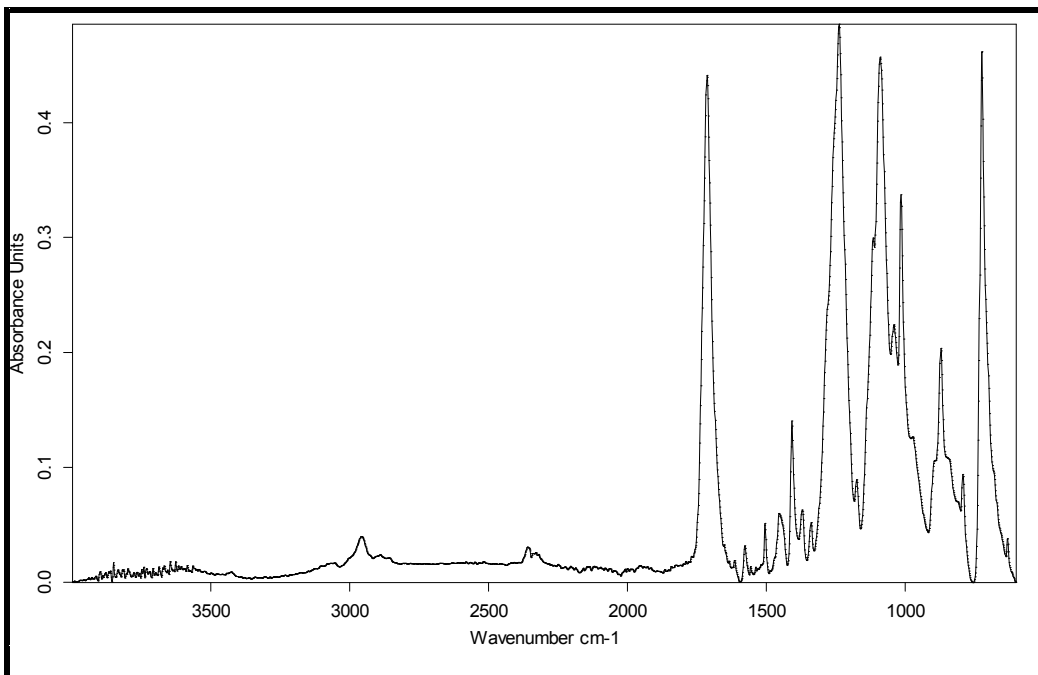
Material Description	polyethylene pink bottle			<b>177.1520</b>
Test Requirements		Requirement Limit	Measured Value	Pass/Fail
Density (g/mL)		0.85 - 1.00	0.950	<b>Pass</b>
Melting Point (deg. C)*		---	---	---
Maximum Extractable Fraction - Hexane (%)		5.5	0.25	<b>Pass</b>
Maximum Extractable Fraction - Xylene (%)		11.3	less than 0.1	<b>Pass</b>
* The melting point requirement only applies to polypropylene homopolymer				

Material Description	polypropylene lid			<b>177.1520</b>
Test Requirements		Requirement Limit	Measured Value	Pass/Fail
Density (g/mL)		0.880 - 9.13	0.902	<b>Pass</b>
Melting Point (deg. C)*		160 - 180	179	<b>Pass</b>
Maximum Extractable Fraction - Hexane (%)		6.4	0.06	<b>Pass</b>
Maximum Extractable Fraction - Xylene (%)		9.8	3.5	<b>Pass</b>
* The melting point requirement only applies to polypropylene homopolymer				

Material Description	Polyethylene phthalate polymer straw			<b>177.1630</b>
Chloroform Soluble Extractives		Requirement Limit (mg/square inch)	Measured Value (mg/square inch)	Pass/Fail
DI Water		not to exceed 0.2	0.009	<b>Pass</b>
Heptane		not to exceed 0.2	0.028	<b>Pass</b>
50% Ethanol in Water		not to exceed 0.2	less than 0.001	<b>Pass</b>



Lab Number ARHL0145836  
Description Crazy Straw Sports Bottle - Pink Lid  
Material Identification Polypropylene (PP)  
Assigned 21 CFR Part 177.1520



Lab Number ARHL0145836  
Description Crazy Straw Sports Bottle - Pink Straw  
Material Identification Poly(ethylene terephthalate) (PET)  
Assigned 21 CFR Part 177.1630



	PASS	FAIL	COMMENTS
<p><b>DECLARATION OF QUANTITY</b></p> <p>Declaration of net quantity shall be accurate and shall appear on the package unless the item is measured by count and contains six or fewer pieces that are clearly visible</p> <p><i>Note: Quantity statements should include US customary units and SI metric units when applicable</i></p> <p><i>Note: Where there is a firmly established general usage and trade custom with respect to the terms used in expressing a declaration of quantity such declaration of quantity may be expressed in traditional terms, example 15 in steering wheel cover</i></p>	---	---	<p>N/A - Single item, visible at point of sale</p>

**III. CONCLUSIONS**

<p><b>OVERALL RATING</b></p> <p><i>Reference lab ARHL0145833 for toxics in packaging results.</i></p>	<p><b>PASS</b></p>
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