



# CONSUMER TESTING LABORATORIES, Inc.

SOFTLINES TESTING LABORATORY • 2601 OTIS CORLEY DRIVE • BENTONVILLE, AR 72712  
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## Evaluation of Test Results

Lab Report No: ARSL1468077

Issue Date: January 19, 2018

Item Description: 2018 - JW (Jointwell) Components Testing



Rating: **Fail**

CLIENT: Outdoor Cap Co Inc

COUNTRY OF ORIGIN: Not Provided

SOURCING OFFICE: Not Applicable

SUPPLIER NAME: Outdoor Cap Co Inc

STYLE NUMBER: Not Provided

REASON FOR TESTING: Evaluation of Restricted Chemicals

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

### REGULATORY FAILURE

1. The accessible substrate(s) on the submitted sample do not comply with the lead content requirements of Section 101(a)(2)(C) of the CPSIA 2008.

Substrate	Result(ppm)	Requirement(ppm)
1. Oval grommet - brass	138	100
2. Oval grommet - silver	144	100
3. Small grommet - silver	109	100

### ADDITIONAL INFORMATION

1. Testing for the following requirements was conducted by Consumer Testing Laboratories, Inc., 2601 SE Otis Corley Drive, Bentonville, AR 72712. (479)286-2300.
2. The samples, except those listed above, complies with 15 USC 1278a, Lead in Non-Metal Children's Products.

## Specialists in the Evaluation of Consumer Products Since 1952

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a UL company

## ADDITIONAL SAMPLE INFORMATION

<b>SIZE(S)</b>	<b>COLOR(S)</b>
Not Provided	Black, Brown, Red, Navy, Dark Red, Blue, Silver, White, Light Blue, Yellow, Orange, Sand, Light Grey, Lime Green, Khaki, Royal Blue, Antique Brass, Hot Pink, Dark Grey, Dark Blue, Forest Green, Neon Green, Neon Pink, Dark Green, Red Hot, Burnt Orange, Leaf Green, Dark Maroon, Maroon #12, Maroon #16
<b>PO NUMBER(S)</b>	
Not Applicable	
<b>UPC CODE(S)</b>	
Not Applicable	
<b>ITEM NUMBER(S)</b>	
Not Applicable	
	<b>FABRIC CONSTRUCTION</b>
	Not Applicable

CONSUMER TESTING LABORATORIES, INC.



Ahmed Khan

CATEGORY MANAGER, SOFTLINES TESTING

CONSUMER TESTING LABORATORIES, INC.



Mamatha Kambam

DIRECTOR, SOFTLINES TESTING

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RESTRICTED SUBSTANCES AND HAZARDOUS COMPONENTS TESTING FOR CHILDREN'S PRODUCTS		
	RATING	COMMENTS
<p><i>Note: This worksheet is a supplement and must accompany the applicable product specific worksheet</i></p> <p><b>TRACKING LABEL - PACKAGING</b></p> <p><i>Note: Tracking labeling consists of Manufacturer / Private Labeler Name, Location of Product, Date of Production; OR this information may be in a code</i></p> <p>On Package: --- _____</p> <p>On Product: --- _____</p> <p><b>MAINE, OREGON, VERMONT, WASHINGTON CHEMICALS OF HIGH CONCERN VERIFICATION - CHILDREN'S PRODUCTS (CHCC)</b></p> <p><i>Walmart USA Product Safety and Compliance Standard based on:            Maine 38 MRSA Ch 16-D, ss 1691-1699-B            Oregon 17 ORS Ch 786            Vermont 18 VSA Ch 38A, ss 1771-1779            Washington 70 RCW 70.240.040-70.240.060</i></p> <p><i>Effective 10/1/17 - All US Production Children's Products shall submit the Certification Form</i></p> <p><i>Children's products means all consumer products marketed for use by, marketed to, sold to, offered for sale to, or distributed to children under 12 years old, including: toys, children's cosmetics, children's jewelry, car seats, products meant to be worn by a child, products meant to help with sucking, teething, sleeping, relaxing or eating</i></p> <p><i>products", any consumer products that when used or disposed of will likely result in chemical exposure to a fetus or child under 12 years of age</i></p> <p><i>For children's products the supplier shall submit a complete and signed Certification Form (CHCC) (Even if suppliers state on the Certification Form that they have reported or will report by the deadline for a particular state, suppliers do not need to submit proof of reporting for that state)</i></p>	---	N/A Evaluated at Production
	---	N/A Evaluated at Production
	---	N/A Evaluated at Production

RESTRICTED SUBSTANCES AND HAZARDOUS COMPONENTS TESTING FOR CHILDREN'S PRODUCTS		
	RATING	COMMENTS
<p><b>SURFACE COATINGS</b></p> <p><u>TOTAL LEAD IN SURFACE COATINGS</u></p> <p>Product meets one of the following:</p> <p>An accredited 3rd party laboratory test report (<i>dated within 1 year</i>) indicates total lead in surface coatings do not exceed 0.009% (90 ppm)</p> <p style="text-align: right;">_____ <u>---</u> Y/N</p> <p><b>OR</b></p> <p>Lead content of the products surface coating(s) scraped from the product does not exceed 0.009% (90 ppm)</p> <p style="text-align: right;">_____ <u>---</u> Y/N</p>	---	<i>N/A Does Not Apply to this Product</i>
<p><b>ACCESSIBLE SUBSTRATES / BASE MATERIALS</b></p> <p><u>TOTAL LEAD IN SUBSTRATES / BASE MATERIALS</u></p> <p><i>Note: XRF testing is not performed on mouthable components of child care articles. For mouthable components of child care articles only perform wet chemistry testing.</i></p> <p>Product meets one of the following:</p> <p>An accredited 3rd party laboratory test report (<i>dated within 1 year</i>) indicates total lead in substrates / base materials do not exceed 0.01% (100 ppm)</p> <p style="text-align: right;">_____ <u>---</u> Y/N</p> <p><b>OR</b></p> <p>X-Ray Fluorescence (XRF) prescreening indicates a lead level of 0.007% (70ppm) or less for any accessible substrate / base material</p> <p style="text-align: right;">_____ <u>Yes</u> Y/N</p> <p><b>OR</b></p> <p>Lead content of all accessible substrates / base materials, sampled from the finished product do not exceed 0.01% (100 ppm)</p> <p style="text-align: right;">_____ <u>No</u> Y/N</p>	F	
	---	
		<i>Refer to Analytical Chemistry Report</i>
		<i>Refer to Analytical Chemistry Report</i>

**RESTRICTED SUBSTANCES AND HAZARDOUS COMPONENTS TESTING FOR CHILDREN'S PRODUCTS**

	RATING	COMMENTS
<p><b>PHTHALATES</b></p> <p><u>Child care articles for children ages 3 and under AND any reusable packaging accompanying these items meet one of the following:</u></p> <p><i>The prohibition on phthalates applies to any child care article that is designed or intended by the manufacturer to facilitate sleep or the feeding of children age 3 and younger, or to help children age 3 and younger with sucking or teething.</i></p> <p><i>The following materials do not require testing for compliance: Untreated / unfinished wood, metal, natural fibers, natural latex and mineral products, paper products) paperboard, linerboard and medium, and pulp). Materials that do require testing are plastics, inks, surface coatings.</i></p> <p><i>Effective 10/16/17: The following plastics are exempt: Polypropylene (PP), Polystyrene (GPPS, MIPS, HIPS, SHIPS), Acrylonitrile Butadiene Styrene (ABS).</i></p> <p>An accredited 3rd party laboratory test report (dated within 1 year) indicates that product components contain no more than 0.1% (1000-ppm 1000-mg/kg) of each of the below phthalates. (Test report indicates testing was performed as per method CPSC-CH-C1001-09)</p> <p style="text-align: right;">--- Y/N</p>	<p>---</p>	<p>N/A Does Not Apply to this Product</p>
<p><b>OR</b></p> <p>... indicate testing indicates that product components contain no more than 0.1% (1000-ppm 1000-mg/kg) of each of the below phthalates. (Labs must test using method CPSC-CH-C1001-09)</p> <ul style="list-style-type: none"> <li>DINP diisononyl phthalate</li> <li>DIDP diisodecyl phthalate</li> <li>DnOP di-n-octyl phthalate</li> <li>DEHP di-(2-ethylhexyl) phthalate</li> <li>BBP benzyl butyl phthalate</li> <li>DBP dibutyl phthalate</li> </ul> <p style="text-align: right;">--- Y/N</p>	<p>---</p> <p>---</p> <p>---</p> <p>---</p> <p>---</p> <p>---</p> <p>---</p> <p>---</p>	<p>---</p> <p>---</p> <p>---</p> <p>---</p> <p>---</p> <p>---</p> <p>---</p> <p>---</p>

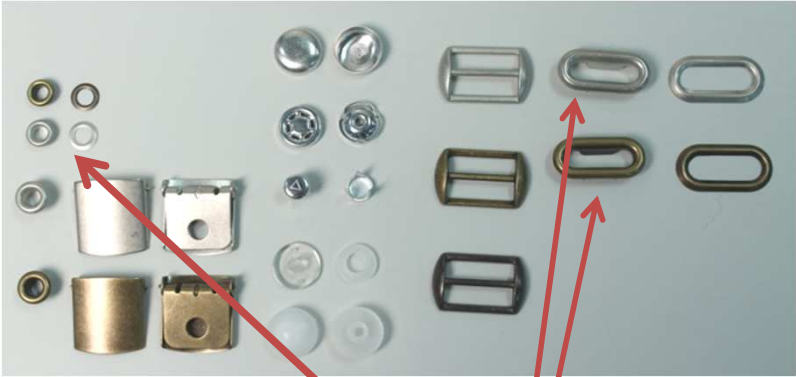


RESTRICTED SUBSTANCES AND HAZARDOUS COMPONENTS TESTING FOR CHILDREN'S PRODUCTS		
	RATING	COMMENTS
<p><b>FLAME RETARDANT CONTENT</b>  <u>TCEP (CAS 115-96-8 (2-chloroethyl) phosphate) / TRIS (CAS 13674-87-8 (1,3-dichloro-2-propyl) phosphate (TDCPP) RESTRICTION</u></p> <p><i>Note: Applies to children's products intended for children 12 years of age and under as follows: Children's Sleepwear, Children's Rugs / Floor Coverings, Car Seat Pillows, Infant Bath Mats, Nap Mats, Nursing Pillows, and Sleep Positioners</i></p> <p>Product meets one of the following:                      An accredited 3rd party laboratory test report or Supplier Certification is provided (<i>dated within 1 year</i>) indicating that the total weight limit of TCEP / TRIS (TDCPP) in foam and textile components does not exceed 0.1% (1000ppm)</p> <p style="text-align: right;">___ Y/N</p> <p><b>OR</b>                      TCEP / TRIS (TDCPP) content in foam and textile components the product does not exceed 0.1% (1000ppm)</p> <p style="text-align: right;">___ Y/N</p> <p><u>HBCD (hexabromocyclododecane) CAS 25637-99-4 / TBBPA (tetrabromobisphenol A) CAS 79-94-7 RESTRICTION</u></p> <p><i>Note: Applies to all accessible and inaccessible foam and any upholstery that covers the foam (excluding real leather material) in all children's products.</i></p> <p>Product meets one of the following:                      Test report or supplier certification is provided (<i>dated within 1 year</i>) indicating that the total weight limit of HBCD / TBBPA in foam and upholstery does not exceed 0.1% (1000-ppm, 1000-mg/kg)</p> <p style="text-align: right;">___ Y/N</p> <p><b>OR</b>                      HBCD / TBBPA content in foam and upholstery does not exceed 0.1% (1000-ppm, 1000-kg/mg)</p> <p style="text-align: right;">___ Yes Y/N</p>	---	N/A Does Not Apply to this Product
	---	
	---	
	P	
	---	
	---	Refer to Analytical Chemistry Report

RESTRICTED SUBSTANCES AND HAZARDOUS COMPONENTS TESTING FOR CHILDREN'S PRODUCTS		
	RATING	COMMENTS
<p><b>NICKEL IN METAL COMPONENTS</b></p> <p><i>Note: Test report must be from a 3rd party lab. Test report from a suppliers in-house testing is not acceptable.</i></p> <p>Product meets one of the following:                      An accredited 3rd party laboratory test report (<i>dated within 1 year</i>) indicates that the metal components provided with the product comply with the European Nickel Directive of less than 0.5 ug/cm<sup>2</sup> / week using test method EN 1811, and EN 12472</p> <p style="text-align: right;">_____ --- Y/N</p> <p><b>OR</b></p> <p>Metal components provided with the product comply with the European Nickel Directive of less than 0.5 ug/cm<sup>2</sup> / week using test method EN 1811, and EN 12472</p> <p style="text-align: right;">_____ --- Y/N</p> <p><b>ILLINOIS LEAD POISONING PREVENTION ACT WARNING LABEL</b></p> <p><i>Note: The following requirements apply to products designed or intended to (1) be used directly in the mouth by a child under 4; or (2) used to facilitate sleep, relaxation, or feeding of children under the age of 4 or help with children under the age of 4 who are sucking or teething and, because of its proximity to the child, is likely to be mouthed, chewed, sucked, or licked</i></p> <p><i>Note: Only accessible components will be tested to meet these requirements. An accessible component is a part that is easily touched, both before and after use and abuse testing</i></p> <p>Product includes the following warning label:                      WARNING: CONTAINS LEAD. MAY BE HARMFUL IF EATEN OR CHEWED. COMPLIES WITH FEDERAL STANDARDS.</p> <p style="text-align: right;">_____ --- Y/N</p> <p><u>Child Care Articles</u></p> <p>If product is a child care article, intended to be placed in the mouth, intended for children under 4, and the lead content in the surface coating is greater than 0.004% (40 ppm, 40 mg/kg), OR the substrate lead content is greater than 0.004% (40 ppm, 40 mg/kg) and less than 0.01% (100 ppm, 100 mg/kg), then the product includes the above labeling</p>	<p>---</p> <p>---</p> <p>---</p> <p>---</p> <p>---</p> <p>---</p> <p>---</p>	<p></p> <p><i>N/A Does Not Apply to this Product</i></p> <p></p> <p></p> <p></p> <p></p> <p></p> <p></p> <p><i>N/A Does Not Apply to this Product</i></p> <p></p> <p></p>



RESTRICTED SUBSTANCES AND HAZARDOUS COMPONENTS TESTING FOR CHILDREN'S PRODUCTS		
	RATING	COMMENTS
<p><b>LIQUIDS, PUTTIES, PASTES, POWDERS, GELS</b></p> <p><u>Combustible Liquids / Gels</u>                      Liquid / Gel filled product meets one of the following:                      Testing indicates that all accessible liquids or gels sampled from the finished goods have a flash point higher than 150°F (65.6°C) when tested in accordance with 16 CFR 1500.43                      --- Y/N</p> <p><b>OR</b>                      An accredited 3rd party laboratory test report (<i>dated within 1 year</i>) indicates that all accessible liquids or gels sampled from the finished goods have a flash point higher than 150°F (65.6°C) when tested in accordance with 16 CFR 1500.43                      --- Y/N</p> <p><u>Non-Toxic Label Claims</u>                      Toxicological Risk Assessment Report (TRA) is provided for any material labeled "non-toxic". The report must substantiate the labeled claim                      --- Y/N</p>	---	<i>N/A Does Not Apply to this Product</i>
<p><b>LIQUID / GEL FILLED PRODUCTS</b></p> <p><u>Hazardous Chemicals</u>                      Liquid / Gel filled product meets one of the following:                      Testing indicates no hazardous chemicals are present in liquid or gel filled products in accordance with 16 CFR 1500.231 (<i>if applicable</i>)                      --- Y/N</p> <p><b>OR</b>                      An accredited 3rd party laboratory test report (dated within 1 year) indicates no hazardous chemicals are present in liquid or gel filled products in accordance with 16 CFR 1500.231 (<i>if applicable</i>)                      --- Y/N</p>	---	<i>N/A Does Not Apply to this Product</i>



Oval grommet - brass, Oval grommet - silver, and Small grommet - silver fail for XRF of



# Analytical Chemistry Report

## ARSL1468077

### Test Summary

Specification / Test Type	Result
1) Phthalate Content of Polymeric Materials	Pass
2) Lead Content of Metal Substrates	Fail
3) Analysis by X-Ray Fluorescence Spectrometry for Lead Content	Pass
4) Total Hexabromocyclododecane (HBCD) Content	Pass

### Component List

Component	Description
1	Buckram fabric (3832 NX) - white
2	Buckram fabric (5025) - white
3	Buckram fabric (5026 DX) - white/black
4	Buckram fabric (5026) - white
5	Buckram fabric (5028 NX) - white
6	Buckram fabric (5028) - white
7	Buckram fabric (5850 A) - white
8	D-ring - black
9	Fabric outdoor cap label (L188) - white/blue/red/black
10	Fabric outdoor cap label (L1P3) - black/white/gray
11	Fabric signature label (L214) - black/white
12	Fabric size label (L146) - white/black
13	Hat adjuster socket (1) - fuchsia
14	Hat adjuster socket (10) - blue
15	Hat adjuster socket (11) - royal
16	Hat adjuster socket (12) - athletic red
17	Hat adjuster socket (13) - dark red
18	Hat adjuster socket (14) - red
19	Hat adjuster socket (15) - burgundy
20	Hat adjuster socket (16) - maroon
21	Hat adjuster socket (17) - green
22	Hat adjuster socket (18) - hunter green
23	Hat adjuster socket (19) - white
24	Hat adjuster socket (2) - pink
25	Hat adjuster socket (20) - dark green
26	Hat adjuster socket (21) - dark gray
27	Hat adjuster socket (22) - yellow
28	Hat adjuster socket (23) - light green
29	Hat adjuster socket (24) - lime
30	Hat adjuster socket (25) - blaze orange
31	Hat adjuster socket (26) - tan
32	Hat adjuster socket (27) - light tan
33	Hat adjuster socket (3) - purple
34	Hat adjuster socket (4) - navy
35	Hat adjuster socket (5) - dark brown
36	Hat adjuster socket (6) - dark orange
37	Hat adjuster socket (7) - gray
38	Hat adjuster socket (8) - black
39	Hat adjuster socket (9) - light blue
40	Hat adjuster stud (1) - fuchsia
41	Hat adjuster stud (10) - blue
42	Hat adjuster stud (11) - royal
43	Hat adjuster stud (12) - athletic red
44	Hat adjuster stud (13) - dark red
45	Hat adjuster stud (14) - red
46	Hat adjuster stud (15) - burgundy
47	Hat adjuster stud (16) - maroon
48	Hat adjuster stud (17) - green
49	Hat adjuster stud (18) - hunter green
50	Hat adjuster stud (19) - white

† - Result above the applicable limit. Additional testing was required to determine rating

< = less than

ND = Not Detected, LOD = Limit of Detection

Results expressed in mg/kg unless otherwise noted

# Analytical Chemistry Report

## ARSL1468077

### Component List - Continued

Component	Description
51	Hat adjuster stud (2) - pink
52	Hat adjuster stud (20) - dark green
53	Hat adjuster stud (21) - dark gray
54	Hat adjuster stud (22) - yellow
55	Hat adjuster stud (23) - light green
56	Hat adjuster stud (24) - lime
57	Hat adjuster stud (25) - blaze orange
58	Hat adjuster stud (26) - tan
59	Hat adjuster stud (27) - light tan
60	Hat adjuster stud (3) - purple
61	Hat adjuster stud (4) - navy
62	Hat adjuster stud (5) - dark brown
63	Hat adjuster stud (6) - dark orange
64	Hat adjuster stud (7) - gray
65	Hat adjuster stud (8) - black
66	Hat adjuster stud (9) - light blue
67	Hat bill pre-curved - black
68	Hat bill pre-curved - red
69	Hat bill pre-curved - white
70	Hat cap - white
71	Hat tack - clear
72	Hat washer - white
73	Sweatband foam - white
74	Sweatband fabric (#2) - white
75	Sweatband fabric (#3) - white
76	Tracking label (4454) - white/black
77	Hook - black
78	Loop - black
79	Hook - brown
80	Loop - brown
81	Hook - dark brown
82	Loop - dark brown
83	Hook - cream
84	Loop - cream
85	Hook - light gray
86	Loop - light gray
87	Hook - gray
88	Loop - gray
89	Hook - green
90	Loop - green
91	Hook - navy
92	Loop - navy
93	Hook - orange
94	Loop - orange
95	Hook - pink
96	Loop - pink
97	Hook - purple
98	Loop - purple
99	Hook - red
100	Loop - red
101	Hook - royal
102	Loop - royal
103	Hook - tan
104	Loop - tan
105	Hook - white
106	Loop - white
107	Hook - yellow
108	Loop - yellow

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# Analytical Chemistry Report

## ARSL1468077

### Component List - Continued

Component	Description
109	Tri-bar slider - brass
110	Tri-bar slider - pewter
111	Tri-bar slider - silver
112	Oval grommet - brass
113	Oval grommet washer - brass
114	Oval grommet - silver
115	Oval grommet washer - silver
116	Large grommet - brass
117	Large grommet - silver
118	Small grommet - brass
119	Small grommet - silver
120	Small grommet washer - brass
121	Small grommet washer - silver
122	Hat adjuster - brass
123	Hat adjuster plate - brass
124	Hat adjuster - silver
125	Hat adjuster plate - silver
126	Hat cap - silver
127	Hat prong - silver

Note: Multiple component numbers on a single test line represent a composite test or combined components

### Test Data

#### 1) Phthalate Content of Polymeric Materials

Test Method: Phthalate content was determined with reference to US Consumer Product Safety Commission method CPSC-CH-C1001-09.3

Component	DEHP	Rating
73,76,77	< 0.039	Pass
78,79,80	< 0.039	Pass
81,82,83	< 0.039	Pass
84,85,86	< 0.039	Pass
87,88,89	< 0.039	Pass
90,91,92	< 0.039	Pass
93,94,95	< 0.039	Pass
96,97,98	< 0.039	Pass
99,100,101	< 0.039	Pass
102,103,104	< 0.039	Pass
105,106	< 0.032	Pass
107,108	< 0.032	Pass

Note: Regulatory Limit = 0.1% by weight  
Results are expressed as weight percent (wt.%)

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Results expressed in mg/kg unless otherwise noted

# Analytical Chemistry Report

## ARSL1468077

### 2) Lead Content of Metal Substrates

Test Method: Lead content was determined with reference to US Consumer Product Safety Commission method CPSC-CH-E1001-08.3

Component	Pb	Limit	Rating
109	24	100	Pass
110	48	100	Pass
111	21	100	Pass
112	<b>138</b>	100	<b>Fail</b>
113	27	100	Pass
114	<b>144</b>	100	<b>Fail</b>
115	< 10	100	Pass
116	29	100	Pass
117	< 10	100	Pass
118	14	100	Pass
119	<b>109</b>	100	<b>Fail</b>
120	76	100	Pass
121	14	100	Pass
122	96	100	Pass
123	45	100	Pass
124	88	100	Pass
125	80	100	Pass
126	17	100	Pass
127	< 10	100	Pass

Note: LOD = 10 mg/kg

### 3) Analysis by X-Ray Fluorescence Spectrometry for Lead Content

Test Method: Element content was determined using Energy Dispersive X-Ray Fluorescence Spectrometry (EDXRF) in reference to ASTM F2617-08e1

Component	Pb	Limit	Rating
1	ND	100	Pass
2	ND	100	Pass
3	ND	100	Pass
4	ND	100	Pass
5	ND	100	Pass
6	ND	100	Pass
7	ND	100	Pass
8	ND	100	Pass
9	ND	100	Pass
10	ND	100	Pass
11	ND	100	Pass
12	ND	100	Pass
13	ND	100	Pass
14	ND	100	Pass
15	ND	100	Pass
16	ND	100	Pass
17	ND	100	Pass
18	ND	100	Pass
19	ND	100	Pass
20	ND	100	Pass
21	ND	100	Pass
22	ND	100	Pass
23	ND	100	Pass
24	ND	100	Pass
25	ND	100	Pass
26	ND	100	Pass
27	ND	100	Pass
28	ND	100	Pass
29	ND	100	Pass
30	ND	100	Pass
31	ND	100	Pass

† - Result above the applicable limit. Additional testing was required to determine rating

< = less than

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Results expressed in mg/kg unless otherwise noted

# Analytical Chemistry Report

## ARSL1468077

### 3) Analysis by X-Ray Fluorescence Spectrometry for Lead Content - Continued

Component	Pb	Limit	Rating
32	ND	100	Pass
33	ND	100	Pass
34	ND	100	Pass
35	ND	100	Pass
36	ND	100	Pass
37	ND	100	Pass
38	ND	100	Pass
39	ND	100	Pass
40	ND	100	Pass
41	ND	100	Pass
42	ND	100	Pass
43	ND	100	Pass
44	ND	100	Pass
45	ND	100	Pass
46	ND	100	Pass
47	ND	100	Pass
48	ND	100	Pass
49	ND	100	Pass
50	ND	100	Pass
51	ND	100	Pass
52	ND	100	Pass
53	ND	100	Pass
54	ND	100	Pass
55	ND	100	Pass
56	ND	100	Pass
57	ND	100	Pass
58	ND	100	Pass
59	ND	100	Pass
60	ND	100	Pass
61	ND	100	Pass
62	ND	100	Pass
63	ND	100	Pass
64	ND	100	Pass
65	ND	100	Pass
66	ND	100	Pass
67	ND	100	Pass
68	ND	100	Pass
69	ND	100	Pass
70	ND	100	Pass
71	ND	100	Pass
72	ND	100	Pass
73	ND	100	Pass
76	ND	100	Pass
77	ND	100	Pass
78	ND	100	Pass
79	ND	100	Pass
80	ND	100	Pass
81	ND	100	Pass
82	ND	100	Pass
83	ND	100	Pass
84	ND	100	Pass
85	ND	100	Pass
86	ND	100	Pass
87	ND	100	Pass
88	ND	100	Pass
89	ND	100	Pass
90	ND	100	Pass
91	ND	100	Pass
92	ND	100	Pass
93	ND	100	Pass
94	ND	100	Pass
95	ND	100	Pass

† - Result above the applicable limit. Additional testing was required to determine rating

< = less than

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Results expressed in mg/kg unless otherwise noted

# Analytical Chemistry Report

## ARSL1468077

### 3) Analysis by X-Ray Fluorescence Spectrometry for Lead Content - Continued

Component	Pb	Limit	Rating
96	ND	100	Pass
97	ND	100	Pass
98	ND	100	Pass
99	ND	100	Pass
100	ND	100	Pass
101	ND	100	Pass
102	ND	100	Pass
103	ND	100	Pass
104	ND	100	Pass
105	ND	100	Pass
106	ND	100	Pass
107	ND	100	Pass
108	ND	100	Pass

Note: Components are further subjected to wet chemistry testing when the measured value exceeds 70% of the limit

### 4) Total Hexabromocyclododecane (HBCD) Content

Test Method: Total HBCD was determined by solvent dissolution/extraction followed by GCMS analysis

Component	HBCD	Limit	Rating
73,74,75	< 100	1000	Pass

Note: < = "less than"  
LOD = 100 mg/kg

† - Result above the applicable limit. Additional testing was required to determine rating  
 < = less than  
 ND = Not Detected, LOD = Limit of Detection  
 Results expressed in mg/kg unless otherwise noted