

Greenbrier International, Inc. Test Report

Number: SHAH01422540



To be continued

Authorized By:
Intertek Testing Services Ltd .Zhejiang, Ningbo Branch

A handwritten signature in black ink, appearing to be 'Peter Chen'.

Peter Chen
General Manager



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General Manager



Greenbrier International, Inc. Test Report

Number: SHAH01422540

Applicant: GREENBRIER INTERNATIONAL, INC
500 VOLVO PARKWAY, CHESAPEAKE
VIRGINIA 23320 USA
Attn: DEBBIE SMITH

Date: 11 Jan, 2022

Overall Rating	Pass
Country	US and Canada

Sample Description: FLYING WATER DISC

Vendor:	Fourstar Group	Pervious Report #: (If retest)	--
Greenbrier Vendor #:	6695	Manufacturer Name:	Jinhua Mengyue Toy Co., Ltd
Testing For – Select One	Dollar Tree	Manufacturer Address:	Floor 3-5, #11 Building, #788-3 Changchun West Road, Xietang Town, Jindong District, Jinhua, Zhejiang, China
Labeled Age Grade:	3+	Sample Size:	36 Sets Each Style
Appropriate Age Grade:	3+	GBI/DTSC SKU Number:	341369
Tested Age Grade:	3+	Additional SKU(s):	--
Client Specified Age Grade:	--	PO No(s) (USA):	00010422120, 00010422478
Age Evaluation Report #:	SHAH01375645	PO Ship Date(s)(USA):	27-Dec-2021
Country of Origin:	China	Additional PO No (USA):	--
Countries of Sale:	US and Canada	Additional PO Ship Date (USA):	--
Protocol No.:	GBFD-08000-AMN/ GBFD-08444-US/ GBFD-09062.03-AMN/ GBFD-06504-US/ GBFD-06572-US/GBFD-10050-AMN	PO No(s) (Canada):	00010422083
Department #:	15 Toys	PO Ship Date(s) (Canada):	25-Dec-2021
Sub-Department #:	30 Spring / Summer	Additional PO No (Canada):	--
Test Type:	Initial Test	Additional PO Ship Date (Canada):	--
Dollar Tree Direct (DTD) Sample Description:	--	GBI / DTD SKU / Child SKU:	--

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Vendor Style No.:	--	DTD PO No.:	--
Sampling:	Y	DTD PO Ship Date:	--
Production Percentage:	100% Production	DTD Country of Sale:	--
E3 Order:	No	UPC Code:	195464121900, 195464121894, 195464121887
Intertek Online TRF No.:	A002399069	PLM GB ID#	341369

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General Manager



Executive Summary:

<i>Protocol</i>	<i>Test item</i>	<i>Rating</i>	<i>Comments</i>
GBFD-08000-AMN	Labeling	Pass	
GBFD-08000-AMN	Analytical	Pass	
GBFD-08000-AMN	Hazards	Pass	
GBFD-08000-AMN	Flammability	Pass	
GBFD-08444-US	Labeling	Pass	
GBFD-08444-US	Analytical	Pass	
GBFD-09062.03-AMN	Analytical	Pass	
GBFD-06504-US	Analytical	Pass	
GBFD-06572-US	Analytical	Pass	
GBFD-10050-AMN	Labeling	Pass	

Remarks: P = Pass, Fail = Fail, NA = Not Applicable, NT = Not Tested

Should you have any query on this report, you may contact : helen.yy.zhu@intertek.com

To be continued

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General Manager



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Tests Conducted

GREENBRIER & FAMILY DOLLAR GBFD - 08000 - AMN TOYS (V9)

	Evaluation	Citation / Method	No. of Samples	Criteria	Banner	Country	Result / Rating
SCOPE:							
<p>Family Dollar: Toy is defined as any object designed, manufactured, or marketed as a plaything for children under 14 years of age. Game consoles and it's associated accessories are defined as General Use Product unless it is embellished or decorated with childish themes or are marketed to children as per Interpretation of "Children's Product" - 16 CFR Part 1200 and will not be covered under this protocol.</p> <p>Note: For Toys and Children's Products 4x Production Stage testing: There are two types of testing - Full testing and Partial testing. Full testing: Apply all the applicable tests in the protocol. Partial testing: Apply tests marked "Partial testing" at the criteria.</p> <p>Greenbrier: For product submitting for both US and CN: This protocol is applicable to items classified as below (1) Product classified as toy in both US and CN; or (2) Product classified as non-toy children product for US and classified as toy for Canada Lab should apply only appropriate test lines as determined by the product classification. US toy regulation is not applicable for Case (2). Please refer Greenbrier-Specific Testing Direction in GRBI-GB-PTCL-SPECIAL INSTRUCTIONS.</p> <p>Note: For Toys and Children's Products 4x Production Stage testing: There are two types of testing - Full testing and Partial testing. Full testing : Apply all the applicable tests in the protocol. Partial testing : Apply tests marked "Partial testing" at the criteria. - Full labeling review may be evaluated in First Off Line Production (FOL) depends on whether packaging is submitted. 1. FOL submission without packaging - Conduct partial testing without packaging. 2. FOL submission with final packaging - Conduct partial testing except labeling (labeling require full testing).</p>							
SUPPLEMENTARY PROTOCOL							
<p>Note: Additional cost, sample size & TAT may be required if testing to one or more supplemental protocol is necessary. Please refer to the below referenced supplemental protocol(s) for additional information.</p>							
A	CALIFORNIA PROPOSITIO N 65	GBFD-06572-US		All samples shall be reviewed against the requirements of California Proposition 65 to determine if additional testing or labeling is required	Family Dollar, Greenbrier	USA	Pass
A	CPSIA REQUIREMENTS SUPPLEMENT - PARTIAL TESTING	GBFD-08444-US		[Partial testing] All samples shall be reviewed against the requirements of CPSIA Requirements supplemental protocol to determine if additional testing or labeling is required.	Family Dollar, Greenbrier	USA	See next section
A	US STATES REPORTING SUPPLEMENTAL	GBFD-06504-US		All samples should be reviewed against the requirements	Family Dollar, Greenbrier	USA	See next section
A	Toxics in Packaging Clearinghouse	GBFD-09062.03-AMN		All samples shall be reviewed against the requirements of TPCH CONEG TEST protocol to determine if additional testing or labeling is required.	Family Dollar, Greenbrier	North America	See next section
A	UPC	GBFD-		All samples should be reviewed and tested to	Greenbrier	North	See next



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	SCANNING REQUIREMENT	10050-AMN		the appropriate requirements of protocol		USA	Pass												
LABELING																			
R	US Packaging labeling	F.P. and L. Act (16 CFR 500) OR NIST Uniform Laws and Regulations Handbook 130		<p>[Packaging and Labeling Evaluation]</p> <ul style="list-style-type: none"> - Shall be labeled with product identification. - Shall be labeled with the manufacturer, packer, or distributor's name and address (city, state and ZIP). - Net quantity of contents shall be on PDP and be expressed in terms of weight or mass, measure, numerical count, or combination so as to give accurate information to facilitate consumer comparison (English and metric units). - Glue and Adhesives sold with the product shall comply with the labeling requirements of 16 CFR 500, "Regulations under section 4 of the Fair Packaging and Labeling Act" 	Family Dollar, Greenbrier	USA	Pass												
R	Canada consumer packaging and labeling regulations	The Consumer Packaging and Labeling Act, R.S. 1985, c. C-38 and Regulations, C.R.C., c. 417		<p>Packaging shall be labelled with the following: Product Identification shall be English and French, on PDP with 1.6mm minimum type size.</p> <p>Product Net Quantity: Declaration must be in English and French, metric units, on PDP, type size based on PDP size</p> <table border="1"> <thead> <tr> <th>Principal Display Panel</th> <th>Minimum Type</th> </tr> </thead> <tbody> <tr> <td>< 32 cm² (5 ln²)</td> <td>1.6 mm (1/16 ln)</td> </tr> <tr> <td>> 32 cm² but < 258 cm² (40 ln²)</td> <td>3.2 mm (1/8 ln)</td> </tr> <tr> <td>> 258 cm² but < 645 cm² (100 ln²)</td> <td>6.4 mm (1/4 ln)</td> </tr> <tr> <td>> 645 cm² but < 25.8 dm² (400 ln²)</td> <td>9.5 mm (3/8 ln)</td> </tr> <tr> <td>> 25.8 dm² (400 ln²)</td> <td>12.7 mm (1/2 ln)</td> </tr> </tbody> </table> <p>Manufacturer or distributor's name & address (City & Postal Code). Minimum 1.6 mm type size. Placed anywhere except bottom - English or French.</p> <p>Where a prepackaged product is wholly manufactured or produced in a country other than Canada, the marking shall consist of one of the following: -The name and address of a Canadian dealer</p>	Principal Display Panel	Minimum Type	< 32 cm ² (5 ln ²)	1.6 mm (1/16 ln)	> 32 cm ² but < 258 cm ² (40 ln ²)	3.2 mm (1/8 ln)	> 258 cm ² but < 645 cm ² (100 ln ²)	6.4 mm (1/4 ln)	> 645 cm ² but < 25.8 dm ² (400 ln ²)	9.5 mm (3/8 ln)	> 25.8 dm ² (400 ln ²)	12.7 mm (1/2 ln)	Greenbrier	Canada	Pass
Principal Display Panel	Minimum Type																		
< 32 cm ² (5 ln ²)	1.6 mm (1/16 ln)																		
> 32 cm ² but < 258 cm ² (40 ln ²)	3.2 mm (1/8 ln)																		
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				<p>preceded by the words "imported by" ("importé par") or "imported for" ("importé pour"); or</p> <p>-The statement of geographic origin located immediately adjacent to the name and address of a Canadian dealer; or</p> <p>-The name and address of the dealer outside Canada</p>			
R	Country of origin marking	19 CFR 134		<p>Shall indicate country of origin legibly, permanently, and in comparable size and close proximity to any mention of country other than country in which the article was manufactured or produced. Must be visible at point of purchase.</p>	Family Dollar, Greenbrier	USA	Pass
R	Country of origin marking	Canada Customs Tariff / Marking of Imported Goods Regulations / SOR-94-10 / Marking of Imported Goods Memorandum D11-3-1		<p>- For any goods imported from non-USMCA countries to Canada, the declaration should appear on the individual article.</p> <p>- If at the point of sale, the packaging conceals the declaration on the product, then the packaging shall also be labeled with a declaration.</p> <p>- The declaration shall consist of:</p> <p>- The name and address of a Canadian dealer preceded by the words "imported by" ("import par") or "imported for" ("import pour"); or</p> <p>- The statement of geographic origin located immediately adjacent to the name and address of a Canadian dealer; or</p> <p>- The name and address of the dealer outside Canada</p> <p>The minimum font type height shall be 1.6 mm as measured with reference to the lower case "o" English or French.</p>	Greenbrier	Canada	Pass
	Age grading	CPSC Age Determination Guidelines / 16 CFR Part 1200		<p>[Partial testing]</p> <p>All products shall be tested according to either the appropriate age grade, as determined by the lab, or the labeled age grade if it is more stringent. In the event the sample is not age labeled, lab will determine the appropriate age grade and test accordingly.</p> <p>-Required for products that are considered a Toy for US distribution.</p> <p>- If there is no labeled age grade for</p>	Greenbrier	USA	<p>Pass</p> <p>Label Age Grade: 3+</p> <p>Tested Age Grade: 3+ years</p> <p>Appropriate Age Grade: 3+ years</p>



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				<p>departments/sub-departments/classes: Dept 15 Toys Dept 16 Check Outs; Dept 24/Sub-Dept 20/Class 210; Dept 24/Sub-Dept 40/Class 440; Dept 24/Sub-Dept 60/Class 640; Dept 24/Sub-Dept 70/Class 720; Dept 24/Sub-Dept 75/Class 720; Dept 89/Sub-Dept 10/Class 200; Dept 91/Sub-Dept 30/Class 310; Dept 92/Sub-Dept 30/Class 310; Dept 93/Sub-Dept 30/Class 310; Dept 95/Sub-Dept 30/Class 310; report as FAIL.</p> <p>Note: - If the label age grade is different from the appropriate age grade, report as FAIL.</p>			
R	Toys - Labeling	ASTM F963-17		<p>[Partial Testing]</p> <p>Shall meet labeling requirements as specified in standard.</p>	Family Dollar, Greenbrier	USA	Pass
	Small part warning	ITS-M0060		All other items that do not require a Small Parts warning label in the protocol should not contain one. If any items contain a small parts warning label that is unnecessary, rate as PASS with Comment.	Family Dollar, Greenbrier	North America	Pass
	Corrective stickers for labels	ITS-M0060		The use of corrective stickers for labels is not allowed.	Greenbrier	North America	Pass
	CSPA Warning	Visual Check		<p>CSPA warnings (except small part warning) shall not be found on the packaging if not required for the product.</p> <p>Note: Refer to small part warning test lineforunnecessary small part warning label.</p> <p>Client requirement</p>	Greenbrier	USA	Pass
	CSPA Warning	Visual Check		Sticker on packaging for age grade and CSPA warning labels is not allowed. It shall be part of the actual packaging artwork.	Greenbrier	USA	Pass
R	Toys - Labeling	SOR/2011-17		Shall comply with the labeling requirements as specified in standard.	Greenbrier	Canada	Pass
	Parts labeling	Visual check		Shall match the actual content if present	Family Dollar, Greenbrier	North America	Pass
	Accuracy or adequacy of	Visual check		Instructions shall be legible and easy to understand. Instructions shall be consistent	Family Dollar,	North	Pass



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	instructions			with sample performance	Greenbrier	America	
A	Claim verification - level 2	ITS-M0060		<p>Examine the retail packaging (or submitted artwork).</p> <p>Record each objective (factual) claim which can be substantiated by the testing within this protocol and rate accordingly.</p> <p>Any net quantity/dimensional claims evaluated in other sections of this protocol need not be recorded.</p> <p>Record all other objective (factual) claims as 'NT' for Not Tested and rate as 'FAIL'. Record all subjective (opinion) claims as 'NT' for Not Tested and rate as 'Satisfactory'. If the objective (factual) claim is rated as 'FAIL' and the subjective (opinion) claim is rated as 'Satisfactory', the overall rating will rate as 'FAIL'.</p> <p>Variations of color or assortment (meaning one item could be featured on the packaging but there are other styles in the assortment) between the visual graphic imagery (artwork, photographs and/or illustrations) of the product on the packaging and the product itself should be marked in the test report and should NOT constitute a failure.</p> <p>Client Requirement</p>	Family Dollar, Greenbrier	North America	Pass
ANALYTICAL							
A R	Total heavy metal in surface coating	ASTM F963-17 Sec.4.3.5.1(2) & 8.3.1 / CPSC-CH-E1003-09.1		<p>[Partial Testing]</p> <p>All accessible surface coating, before and after use and abuse testing, shall not contain compounds of which the metal content of the total content exceeds the levels by weight (mg/kg) of the contained solid including pigments, film solids and driers [Antimony (Sb) 60, Arsenic (As) 25, Barium (Ba) 1000, Cadmium (Cd) 75, Chromium (Cr) 60, Lead (Pb) 90, Mercury (Hg) 60, Selenium (Se) 500]</p> <p>Report actual results or include data table within report.</p> <p>If all heavy metal limits except for lead are met then no soluble lead testing will be conducted when the CPSIA total lead requirement is not met.</p>	Family Dollar, Greenbrier	USA	Pass



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				Component testing is allowed. Based on the standard, will composite up to 3 colors. If any color in the composite exceeds 80% of the limit of any heavy metal except for lead based on the lowest weight component then soluble heavy metal content test with individual colors will be analyzed.			
A R	Total heavy metal in substrates	ASTM F963-17 Sec.4.3.5.2(2)(b) & 8.3.1 / 16 CFR 1251 / 16 CFR 1252 / 16 CFR 1253 / CPSC-CH-E1001-08.3 (Mod) / CPSC-CH-E1002-08.3 (Mod)		<p>[Partial Testing] All accessible substrates, before and after use and abuse testing, shall have total heavy metals content comply with the limits specified in Table 1 of the standard. [Antimony (Sb) 60 mg/kg, Arsenic (As) 25 mg/kg, Barium (Ba) 1000 mg/kg, Cadmium (Cd) 75 mg/kg, Chromium (Cr) 60 mg/kg, Lead (Pb) 90 mg/kg, Mercury (Hg) 60 mg/kg, Selenium (Se) 500 mg/kg]</p> <p>Note: - Report actual results or include data table within report. - If all heavy metal limits except for lead are met then no soluble lead testing will be conducted when the CPSIA total lead requirement is not met. - Conduct soluble heavy metal test directly if there is only one textile component in the product. - Component testing is allowed. - Based on the standard, will composite up to 3 like materials. If any material in the composite exceeds 80% of the limit of any heavy metal except for lead based on the lowest weight component then soluble heavy metal content test with individual material will be analyzed. - Unfinished and untreated wood as defined in 16 CFR 1251 will not be tested. - Untreated and unfinished engineered wood products (EWPs), specifically, particleboard, hardwood plywood, and medium-density fiberboard, made from virgin wood or pre-consumer wood waste as defined in 16 CFR 1252 will not be tested. Vendor shall claim this determination in TRF, otherwise testing will be conducted in all woods. - These unfinished manufactured fibers: nylon, polyurethane (spandex), viscose rayon, acrylic and modacrylic and natural rubber latex, as defined in 16 CFR 1253 will not be tested. Vendor shall claim this determination in TRF, otherwise testing will be conducted in all fibers.</p>	Family Dollar, Greenbrier	USA	Pass



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				<ul style="list-style-type: none"> - Accessible glass, metal and ceramic toys or parts of toys are only tested if they are small parts. - Paper and paperboard are exempt for testing. - Substrates for children aged 6 or more are exempt for testing unless the parts can be mouthed, sucked or ingested. 			
A R	Heavy metal in surface coating	Canada Toys Regulations (SOR/2011-17) section 23		<p>All accessible surface coatings in the as received state on toys that is intended for use by a child in learning or play shall comply with the following requirements:</p> <p>(a) Shall not contain lead or lead components in which the lead content is in excess of 0.009% (90ppm) of the weight of the total content,</p> <p>(b) Shall not have soluble antimony, arsenic, cadmium, selenium or barium in excess of 0.1% (1000ppm)(total results may be used to show compliance with soluble),</p> <p>(c) Shall not contain any mercury or mercury components (10mg/kg).</p> <p>Report actual results or include data table within report.</p> <p>Component testing is allowed.</p> <p>Composite is not allowed.</p> <p>Client requirement</p>	Greenbrier	Canada	Pass
A	Total cadmium in surface coating	CPSC-CH-E1003-09.1 (Mod)		<p>[Partial Part]</p> <p>All accessible surface coatings, before and after use and abuse testing, on toys and children products intended for children ages 12 and under, shall not contain cadmium or cadmium component in which the cadmium content is in excess of 0.004% (40ppm) of the weight of the total content.</p> <p>Report actual results or include data table within report</p> <p>Component testing is allowed.</p> <p>Compositing is not allowed.</p>	Family Dollar, Greenbrier	North America	Pass
A	Total cadmium in substrate	CPSC-CH-E1002-08.3(Mod)/C PSC-CH-E1001-08.3(Mod)		<p>[Partial Testing]</p> <p>All accessible plastic and metal substrate materials, before and after use and abuse testing, of toys and children products intended for children ages 12 and under, shall not contain cadmium in excess of 0.004% (40ppm)</p>	Family Dollar, Greenbrier	North America	Pass



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				<p>of the weight of the total content.</p> <p>Report actual results or include data table within report.</p> <p>Component testing is allowed</p> <p>Compositing is not allowed.</p>			
A R	Total lead in surface coating	Illinois Lead Poisoning Prevention Act / CPSC-CH-E1003-09.1		<p>[Partial Testing]</p> <p>The following surface coatings shall contain less than 0.004% (40 ppm) lead or lead compounds in which the lead content is the weight of the total content:</p> <p>a. All accessible surface coatings, in the as received state, on jewelry for children under 12 years of age,</p> <p>b. All accessible surface coatings, before and after use and abuse testing, on child care articles for children 6 years of age or younger, and on toys for children under 12 years of age.</p> <p>As a client requirement, the warning label is not allowed.</p> <p>In case of insufficient coating for testing found on the number of samples specified in the protocol, vendor needs to provide additional samples/component parts (including raw materials) for testing. The vendor is responsible for compliance of all other products outside of the above scope.</p> <p>Report actual results or include data table within report.</p> <p>Component testing is allowed.</p> <p>Compositing is not allowed.</p> <p>Note: Child care article shall mean items intended to be used directly in the mouth by the child or components likely to be mouthed, chewed, sucked, or licked by the child.</p> <p>Client Requirement</p>	Family Dollar, Greenbrier	USA	Pass
A R	Total lead in certain children products	Canada Consumer Products Containing Lead Regulations (SOR/2018-83)		<p>All accessible surface coatings and substrates, in the as received state, of the following products shall not contain lead or lead components in which the lead content is in excess of 90 mg/kg (0.009%) of the weight of the total content.</p> <p>Children's Products include:</p> <ul style="list-style-type: none"> - Products that are brought into contact with the user's mouth during normal use. - Clothing or clothing accessories intended for 	Greenbrier	Canada	Pass



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				<p>use by a child under 14 years of age</p> <ul style="list-style-type: none"> - Products intended for use in learning or play (toys) by a child under 14 years of age. - Books or similar printed product intended for a child under 14 years of age - Products whose primary purpose is to facilitate relaxation, sleep, hygiene, carrying or transportation of a child under 4 years of age. <p>Note:</p> <ul style="list-style-type: none"> - Report actual results or include data table within report. - Component testing is allowed. - Composite up to 3 colors is allowed. If any color in the composite exceeds 80% of the limit (72 ppm), based on the lowest weight component, individual colors will be analyzed. - The following products are exclude: <ul style="list-style-type: none"> a. Kitchen utensils, b. Products subject to the Glazed Ceramic and Glassware Regulations. c. Books printed on paper or cardboard and books printed and bound in a conventional manner using conventional materials. - Non-suspect materials as defined by the Consumer Products Safety Commission in 16 CFR 1500.88 and 16 CFR 1500.91 (d) and (e) will be exempted from testing. It is the vendor's responsibility to ensure compliance of these materials. - In case of insufficient material for testing found on number of samples specified in the protocol, vendor needs to provide components or dipped parts for testing. 			
A R	Phthalates	Canada Phthalates Regulations (SOR/2016-188)		<p>Accessible vinyl (PVC) in a toy or child care article, in the as received state, shall not exceed a sum of 0.1% of BBP, DBP, DEHP, DINP, DIDP and DnOP.</p> <p>Note:</p> <ul style="list-style-type: none"> - Report actual results or include data table within report. - For "Canada only" order, compositing up to 3 like materials is allowed. - For "US and Canada" order, compositing is not allowed. - In case of insufficient material for testing found on number of sample specified in the protocol, refer to PAID and SI for additional instruction. 	Greenbrier	Canada	Pass



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				- Vendor is responsible for compliance of all other types of vinyl. - Report sum of 6P < =0.1%, instead of 0.1% 6P individually per CCPSA requirement. - Lab recommends all products shall provide documentation or material bill for material identification. If documentation is not provided the Beilstein test will be conducted on all plastic substrates to confirm the presence of PVC. Client requirement			
PHYSICAL MECHANICAL AND ELECTRICAL HAZARD							
R	Toys - Physical and mechanical	ASTM F963-17		[Partial Testing] Shall meet the physical and mechanical requirement as specified in the standard.	Family Dollar, Greenbrier	USA	Pass
R	Sharp points	16 CFR 1500.48		[Partial Testing] Items intended for children under 8 years of age shall not have accessible, potentially hazardous sharp points before or after use and abuse testing.	Family Dollar, Greenbrier	USA	Pass
R	Toys - Physical & Mechanical	SOR/2011-17		Shall comply with the physical and mechanical (e.g. small parts, points, edges, auditory, etc...) requirements as specified in standard.	Greenbrier	Canada	Pass
R	Canada Jequirity bean	Canada Consumer Product Safety Act (CCPSA) Schedule 2, Item 1		Shall not have jequirity beans or any substance or article made from or including jequirity beans in whole or in part.	Greenbrier	Canada	Pass
A	Additional Mechanical Hazard Testing	GRBI-GB-NSOP-MECHANICAL HAZARD		[Partial testing] 12 samples per construction are evaluated for small part, small ball, sharp point, sharp edge and rattle impaction hazards before and after abuse testing (16 CFR 1500.50-53). Data tables and failed sample images (before and after testing) have to be included in the report as according to the NSOP. This additional testing is not applicable if the sample was failed for other mechanical testing in this protocol already. Note: Refer to price table for charge of tests and images. For item in the exemption list at the bottom of	Family Dollar, Greenbrier	USA	Pass



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				the protocol, no testing is needed for test line.			
FLAMMABILITY							
R	Toys - Solid flammability	ASTM F963-17 Sec. 4.2 & Annex A5		[Partial Testing] Materials other than textiles used in toy shall meet the requirement as specified in ASTM F963 Section 4.2 and Annex A5.	Family Dollar, Greenbrier	USA	Pass
R	Cellulose nitrate	SOR/2011-17 Sec. 21		Shall not exhibit burn characteristics associated with materials in whole or in part, made of or impregnated with Celluloid or Cellulose Nitrate. (If the result is positive, verify the presence of Celluloid or Cellulose Nitrate by "Identification of cellulose nitrate")	Greenbrier	Canada	Pass
Other test requirements according to test protocol						NA	-



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Tests Conducted

Key:

* Additional Charge For This Test
** Mandatory Requirement
By Request Only

Result Key:

M Meets
NM Does Not Meet
NA Not Applicable
NT Not Tested
C Claimed
R Recorded

Rating Key:

PASS Pass
FAIL Fail
MARG Marginal
CAR Corrective Action Required

Mechanical test data:

Sample #	Test	Test Component	Finding
Sample 1-12	Drop test	FLYING WATER DISC	no sharp point/edge was found.
Sample 1-12	Torque and tension	FLYING WATER DISC	no sharp point/edge was found.
Sample 1-12	Compression test	FLYING WATER DISC	no sharp point/edge was found.
Sample 1-12	Flexure test	/	/



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Tests Conducted


Image Appendix			
T-0002 Abuse Test Conditions w Age.jpg	Testing Parameter	Age (Months)	Abuse Test Conditions
	Drop Test	0 to ≤18 >18 to ≤36 >36 to ≤96	4.5 ft. (1.37 m) 10 drops 3 ft. (0.91 m) 4 drops 3 ft. (0.91 m) 4 drops
	Torque Test	0 to ≤18 >18 to ≤36 >36 to ≤96	2 in – lb. (0.23 N - m) 3 in – lb. (0.34 N - m) 4 in – lb. (0.45 N - m)
	Tension Test	0 to ≤18 >18 to ≤36 >36 to ≤96	10 lb. (44.5 N) 15 lb. (66.8 N) 15 lb. (66.8 N)
	Compression Test	0 to ≤18 >18 to ≤36 >36 to ≤96	20 lb. (89 N) 25 lb. (111.3 N) 30 lb. (133.5 N)
T-0003 Exempt list for mechanical hazard testing	Adhesive Fur Sheets		
	Bags (for over 3 years)		
	Bath Puppet		
	Bead Design Kit		
	Blankets without Embellishments		
	Chalks		
	Construction Paper (or other purely paper product)		
	Cosmetic Bag (for over 3 years) without embellishments		
	Cotton Cord (used for making bracelet or necklace)		
	Crayons		
	Fabric Cape		
	Fabric Hat		
	Fabric Skirt w/o embellishments		
	Feathers		
	Flip Flops w/o embellishments		
	Foam 3D Puzzle (for over 3 years)		
	Foam Ball (for over 3 years) by itself		
	Glue Stick/Washable Glue Stick (for over 3 years)		
	Hair Bands/Rubber Bands (for over 3 years)		
	Hair Twists (for over 3 years)		
	Halloween Fabric Bins		
Infant Towel w/o embellishments			
Latex Balloons (for over 3 years)			
Markers			
Media (CD/DVD's)			
Modeling Clay (for over 3 years)			



Test Report

Number: SHAH01422540

Tests Conducted

	<ul style="list-style-type: none"> Paper Book (without staple) Paper Hat w/o embellishments Paper Puzzles Paper Sticker Pencil Bag w/o embellishments Pencils Pens Placemat Plastic Sticker, Foam Sticker, Gel Sticker, etc (for over 3 years) Pom Poms (for over 3 years) Purely Foam Product (for over 3 years) Putty Rubber Ball (for over 3 years) Rubber Eraser (for over 3 years) Sand Socks without plastic embellishments Stretch Animals (resilient material, for over 3 yrs) Stuffed Toys without NON-TEXTILE components or embellishments Temporary Face Tattoos Treat Bag/Plastic Bag (for over 3 years) Valentine's Cards with Lollipops Velvet Color Sheet (for over 3 years) 	
<p>G-0104 Trademark of the manufacturer or importer.bmp</p>		<p>Note: In this exempt list, only 12 samples needed to be tested, as opposed to the 24 samples for mechanical hazards. These items are not exempt from mechanical testing, only exempt from increase to 24 samples.</p>



Test Report

Number: SHAH01422540

Tests Conducted

Products Containing Mercury Regulations SOR2014-254 SCHEDULE.doc	Column 1	Column 2	Column 3	
	Item	Product Category	Maximum Total Quantity of Mercury in the Product	End date
	1	Dental amalgam	No limit	None
	2	Compact fluorescent lamp for general lighting purposes		
		(a) ≤ 25 watts	4 mg per lamp	None
		(b) > 25 watt	5 mg per lamp	None
	3	Straight fluorescent lamp for general lighting purposes		
		(a) T5, program start with a normal lifetime (< 25,000 hours)	3 mg per lamp	None
		(b) T8, 4-foot or less, instant an program start, medium bi-pin base, with a normal lifetime (< 25,000 hours)	4 mg per lamp	None
		(c) T5, program start, with a long lifetime (≥ 25,000 hours)	5 mg per lamp	None
		(d) T8, 4-foot or less, instant and program start, medium bi-pin base, with a long lifetime (≥ 25,000 hours)	5 mg per lamp	None
		(e) T12, 4-foot or less, rapid start, med um bi-pin base	10 mg per lamp	None
		(f) T12, 8-foot, inst nt start, single pin base	15 mg per lamp	None
	4	Non-linear fluorescent lamp for general lighting purposes, including a circular or square fluorescent lamp	15 mg per lamp	None
	5	Induction fluorescent lamp for general lighting purposes	15 mg per lamp	None
	6	Mercury vapour lamp for general lighting purposes		
		(a) ≤ 250 watts	40 mg per lamp	31-Dec-17
		(b) > 250 watts and ≤ 400 watts	75 mg per lamp	31-Dec-17
		(c) > 400 watts and ≤ 1000 watts	250 mg per lamp	31-Dec-17
	7	High pressure sodium vapour lamp for general lighting purposes	40 mg per arc tube	None
	8	Metal halide lamp for general lighting purposes		
		(a) ≤ 300 watts	40 mg per lamp	None
		(b) > 300 watts and ≤ 500 watts	75 mg per lamp	None
		(c) > 500 watts and ≤ 700 watts	85 mg per lamp	None
		(d) > 700 watts and ≤ 1000 watts	250 mg per lamp	None



Test Report

Number: SHAH01422540

Tests Conducted

9	Automobile headlamp	10 mg per lamp	None
10	Cold cathode fluorescent lamp		
	(a) 1.5 m or less in length	10 mg per lamp	None
	(b) more than 1.5 m in length	13 mg per lamp	None
11	External electrode fluorescent lamp		
	(a) 1.5 m or less in length	5 mg per lamp	None
	(b) more than 1.5 m in length	13 mg per lamp	None
12	Cold cathode tubing for signage or cove lighting	100 mg per 2.44 m (8 feet)	None
13	Electrode for use in cold cathode tubing for signage or cove lighting	100 mg per electrode	None
14	Fluorescent and discharge lamps other than those referred to in items 2 to 13	No limit	None
15	Very high accuracy capacitance and loss measurement bridges and high frequency RF switches and relays in monitoring and control instruments	20 mg per bridge, switch or relay	None
16	Thermometer for use in a laboratory for scientific research applications	No limit	None
17	Thermometer or other scientific instrument required to be used by an ASTM International standard	No limit	None
18	Scientific instrument used for the calibration of medical devices or for the calibration of scientific research instruments	No limit	None
19	Laboratory analytical standard or reference material	No limit	None
20	Scientific instrument used as reference for clinical validation studies	No limit	None
21	Scientific instrument used for measuring the quantity of mercury in the environment	No limit	None
22	Radiation light detector	No limit	None
23	Infrared light detector	No limit	None
24	Low mercury chloride reference electrode	No limit	None
25	Low mercury sulphate reference electrode	No limit	None
26	Low mercury oxide reference electrode	No limit	None
27	Professional, commercial and industrial photographic film	No limit	None
28	Professional, commercial and industrial photographic paper	No limit	None
29	Composite resins and adhesive resins used in the aerospace industry	2% by weight	None
30	Catalyst used in the manufacturing of polyurethane	No limit	None
31	Button cell battery	25 mg per battery	31-Dec-15
32	Medical device that is intended to remain in the body for at least 30 consecutive days	No limit	31-Dec-19



Test Report

Number: SHAH01422540

Tests Conducted

	33	In-vitro diagnostic assays and reagents	No limit	31-Dec-19
	34	Replacement part (see note) if the product contained the part (a) before the coming into force of these Regulations; or (b) at the time of its manufacture or import, if that manufacture or import was permitted under these Regulations	No limit	None
<p>Note: Replacement part means a part that is required for a product to continue to function and for which there is no mercury-free alternative or product listed in this schedule that could serve as a direct substitute.</p>				

Products Containing Mercury Regulations SOR2014-254 EXEMPTIONS.doc

These Regulations do not apply to

- (a) waste;
- (b) a product that is at the end of its useful life and that is intended to be recycled;
- (c) a food, drug, or cosmetic as defined in section 2 of the Food and Drugs Act;
- (d) a veterinary biologic as defined in subsection 2(1) of the Health of Animals Act;
- (e) a surface coating material as defined in subsection 1(1) of the Surface Coating Materials Regulations or a surface coating material applied to a toy regulated under the Toys Regulations;
- (f) a pest control product as defined in subsection 2(1) of the Pest Control Products Act;
- (g) a feed as defined in section 2 of the Feeds Act;
- (h) a fertilizer as defined in section 2 of the Fertilizers Act;
- (i) an explosive regulated under the Explosives Act;
- (j) ammunition and explosives under the direction or control of the Minister of National Defence;
- (k) a product, other than a battery, that has a mercury concentration of 0.1% or less by weight in homogeneous materials;
- (l) a battery, other than a button cell battery, that has a mercury concentration of 0.0005% or less by weight in homogeneous materials;
- (m) beginning on January 1, 2016, a button cell battery that has a mercury concentration of 0.0005% or less by weight in homogeneous materials;
- (n) from January 1, 2016 until December 31, 2019, a button cell battery that is incorporated into a medical device that is intended to remain in the body for at least 30 consecutive days;
- (o) ores, concentrates and by-products of metallurgic operations; and
- (p) an on-road vehicle as defined in subsection 1(1) of the On-Road Vehicle and Engine Emission Regulations that is of the 2016 model year or of a previous model year as determined under section 5 of those Regulations.



Test Report

Number: SHAH01422540

Tests Conducted

GREENBRIER / FAMILY DOLLAR TEST PROTOCOL FOR CPSIA REQUIREMENTS SUPPLEMENT (V3)

Evaluation	Citation / Method	No. of Samples	Criteria	Banner	Country	Result / Rating
LABELING						



Test Report

Number: SHAH01422540

Tests Conducted

Evaluation	Citation / Method	No. of Samples	Criteria	Banner	Country	Result / Rating	
A R	Tracking label for children's products	CPSIA 103	--	A permanent and distinguishing mark or code on the product and its packaging, to the extent practicable, allows the manufacturer and purchaser to ascertain the name of the manufacturer or private labeler, location and date of production of the product. Verified the Presence and verified the format accuracy. Family Dollar Requirement: For label with format following Family Dollar or Midwood Brands format: - Refer to document "Family Dollar Tracking Label Requirements" for label format - For others: If internal coding is used, de-code system shall also be submitted for verification. Manufacturer or Private Labeler name can not be coded. Note: - If vendor tracking label format is used, test line must be rated as Conditional Pass and note "vendor tracking label format is used" in the executive summary. - Type tracking label details into Rating field along with the pass/fail/conditional pass rating. Also include picture of tracking label in exhibit section of report. - Tracking label information is not allowed to be included for OTC drugs, cosmetics, dietary supplements and medical devices. Refer to "Family Dollar Tracking Label Requirements" for exception. Greenbrier Requirement: If internal coding is used, de-code system shall also be submitted for verification (refer to GRBI-GB-SUPP-TRACKING LABEL CODE & PROCEDURE). Note: 1. Internal coding for manufacturer or private labeler on the tracking label is not accepted. 2. Below abbreviated tracking marking is allowed to be used : Greenbrier Intl / SKU# / Vendor# / Factory# / Date A notification email need to be sent to Greenbrier if abbreviated tracking label is used.	Family Dollar, Greenbrier	USA	Pass ON PACKAGING: 341369- 06695- 650- 121121 GREENBRIER INTERNATIONAL, INC. 500 VOLVO PARKWAY, CHESAPEAKE,VA 23320 ON PRODUCT: 341369- 06695- 650- 121121 GREENBRIER INTERNATIONAL, INC.



Test Report

Number: SHAH01422540

Tests Conducted

Evaluation	Citation / Method	No. of Samples	Criteria	Banner	Country	Result / Rating	
			- Greenbrier has mandated that all children's dinnerware (plates, cups, etc.) shall have a tracking label, regardless if the submission falls within FDA jurisdiction only. - Information for tracking label on product must be identical with the information for tracking label on packaging. 3. Tracking label information is not allowed to be included for OTC drugs, cosmetics, dietary supplements and medical devices. Refer to GRBI-GB-SUPP-TRACKING LABEL CODE & PROCEDURE for exception.				
ANALYTICAL							
A R	Total lead in surface coating	16 CFR 1303/Consumer Product Safety Improvement Act of 2008 / CPSC-CH-E1003-09.1	1	All accessible surface coatings, before and after use and abuse testing, on items intended for children ages 12 and under shall not contain lead or lead components in which the lead content is in excess of 0.009% (90ppm) of the weight of the total content. In case of insufficient coating for testing found on number of samples specified in the protocol, vendor needs to provide additional component parts (including raw materials) for testing. Report actual results or include data table within report. Issue a third party test report. Component testing is not allowed. Composite testing is not allowed. Client requirement	Greenbrier	USA	Pass



Test Report

Number: SHAH01422540

Tests Conducted

Evaluation	Citation / Method	No. of Samples	Criteria	Banner	Country	Result / Rating
A R Total lead in substrate	Consumer Product Safety Improvement Act of 2008 / 16 CFR 1252 / CPSC-CH-E1001-08.3 / CPSC-CH-E1002-08.3	1	<p>All accessible substrates, before and after use and abuse testing, on items intended for children ages 12 and under shall not contain lead in excess of 0.009% (90 ppm) of the weight of the total content.</p> <p>In case of insufficient material for testing found on number of samples specified in the protocol, vendor needs to provide components/parts for testing. Report actual results or include data table within report.</p> <p>Issue a third party test report. Component testing is allowed. Compositing up to 3 like materials is allowed except metal.</p> <p>Exempt materials as defined by the Consumer Products Safety Commission in 16 CFR 1500.88, 16 CFR 1500.91 (d) and (e) and 16 CFR 1252 will not be tested.</p> <p>Untreated and unfinished engineered wood products (EWPs), specifically, particleboard, hardwood plywood, and medium-density fiberboard, made from virgin wood or pre-consumer wood waste as defined in 16 CFR 1252 will not be tested. Vendor shall claim this determination in TRF, otherwise testing will be conducted in all woods.</p> <p>Client requirement - the limit is lowered to 90ppm</p>	Family Dollar, Greenbrier	USA	Pass



Test Report

Number: SHAH01422540

Tests Conducted

Evaluation	Citation / Method	No. of Samples	Criteria	Banner	Country	Result / Rating
A R Phthalates content	16 CFR 1307 / 16 CFR 1252 / CPSC-CH- C1001-09.4	1	<p>Children's toys and childcare articles, before and after use and abuse testing, shall not contain concentrations of more than 0.1% BBP, DBP, DEHP, DINP, DIBP, DPENP, DHEXP, DCHP, DNOP or DIDP individually.</p> <p>Actual testing would be conducted on all accessible plastics materials (including natural and synthetic rubber)(excluding materials listed below), plasticizer print, scrapable surface coatings, decals, polymeric coated materials (unscrapable), adhesives and sealants (exclude adhesive for stickers), polyvinyl acetate (PVAc) adhesive formulations used in hardwood plywood, toy nail polish, reusable packaging, electrical plug and cables.</p> <p>Polypropylene (PP), polyethylene (PE), acrylonitrile butadiene styrene (ABS), general purpose polystyrene (GPPS), medium-impact polystyrene (MIPS), high-impact polystyrene (HIPS), and super high-impact polystyrene (SHIPS), and their additives as listed in 16 CFR 1308 are exempt from testing, however, they are not exempt from compliance or certification.</p> <p>If material identification is not provided, phthalate testing will be conducted on all plastic materials. If adhesive formulation of hardwood plywood is not provided, phthalate testing will be conducted on all hardwood plywood. Vendor shall be responsible for the compliance of all other accessible materials, including additives in the exempt plastic materials.</p> <p>In case of insufficient material for testing found on number of samples specified in the protocol. Greenbrier must give approval for additional samples.</p> <p>Report actual results or include data table within report.</p> <p>Component testing is allowed.</p> <p>Compositing is not allowed.</p> <p>Client requirement - expand scope to cover DNOP and DIDP</p>	Family Dollar, Greenbrier	USA	Pass
Other test requirements according to test protocol					NA	-



Test Report

Number: SHAH01422540

Tests Conducted

IMPORTANT NOTE: The information presented under the "Criteria" of this protocol is for information only and does not replace the content of the standard. Details of the requirements should be referred to the original standards.

Key:

* Additional Charge For This Test
** Mandatory Requirement
By Request Only

Result Key:

M Meets
NM Does Not Meet
NA Not Applicable
NT Not Tested
C Claimed
R Recorded

Rating Key:

PASS Pass
FAIL Fail
MARG Marginal
CAR Corrective Action Required



Test Report

Number: SHAH01422540

Tests Conducted

Protocol Number	GBFD-10050-AMN		Version	2
Protocol Description	UPC SCANNING REQUIREMENT			
Country	North America			
Scope	-			
Creation Date	26/SEP/2018	Last Revision Date	26/SEP/2018	
Client Approval Date	23/OCT/2018	Approver	Debbie Smith	
No of Sample				
No of Working Days				

Keys

A	Additional Charge For This Test	M	Mandatory	R	Regulatory
M	Meets (Result Key)	NM	Does Not Meet (Result Key)	NA	Not Applicable (Result Key)
NT	Not Tested (Result Key)	C	Claimed(Result Key)	R	Recorded (Result Key)
COND PASS	Conditional Pass (FDOL Rating Key)	PASS	Pass (FDOL Rating Key)	FAIL	Fail (FDOL Rating Key)
Acc	Acceptable (FDOL Rating Key)	Marg	Marginal (FDOL Rating Key)	Unacc	Unacceptable (FDOL Rating Key)
PASS	Pass (GBRI Rating Key)	FAIL	Fail (GBRI Rating Key)	MARG	Marginal (GBRI Rating Key)
CAR	Corrective Action Required (GBRI Rating Key)				

Evaluation	Citation / Method	No. of Samples	Criteria	Banner	Country	Result / Rating
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LABELING

Barcode requirement	In House Method	3	<p>All products are required to have a unique scannable barcode according to the Uniform Code Council's specifications for product identification at the sales register sale. In addition, all barcodes must have the corresponding human readable numbers under the barcode. Note:</p> <ol style="list-style-type: none"> For Toys and Children's Products 4x Production Stage testing, the test only needs to be conducted at the 100% production level For Toys and Children's Products 1 stage testing, the test should be conducted at the FOL production level" For any other submission which does not fall within the Toys and Children's Products 4x Production Stage testing, the test should be conducted at point of receipt (Single Sample Collection, Initial Sample Collection, Second Sample Collection, Random Sampling of Failure, Vendor Direct) If the submission is a pre-test (fiber content, HBC Label review, care 	Greenbrier	USA Canada	<p>Pass</p> <p>Barcode as claim</p> <p>Barcode Grade: Grade A</p>
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Test Report

Number: SHAH01422540

Tests Conducted

			label verification, etc.) and there is no barcode present on the labeling, packaging or product, please rate the test line N/A			
Other test requirements according to test protocol					NA	-



Test Report

Number: SHAH01422540

Tests Conducted

TEST PROTOCOL FOR US STATES REPORTING SUPPLEMENTAL (GBFD-06504-US, VERSION: 5.0)

As requested by the applicant, the submitted sample was tested as per GBFD-06504-US Dated Nov 08, 2021; the test results were listed as below:

Key	Attribute	Citation	Requirement / Limit	Banner	Country	Result	Rating
ANALYTICAL							
A R	Total lead in surface coating	Washington Children's Safe Products Act (CSPA) – RCW Chapter 70.240.020 / CPSC-CH-E1003-09.1	All accessible surface coatings, before and after use and abuse testing, on children's products under the age of twelve shall not exceed 90 ppm (0.009 % by weight) total lead. Note: - Limited to toys, cosmetics, jewelry, products designed or intended by the manufacturer to help a child with sucking or teething, to facilitate sleep, relaxation, or the feeding of a child, or to be worn as clothing by children, and child car seats. - Refer to CPSA Reporting Rule WAC 173-334 for the complete product list. - See RCW Chapter 70.240.010 for children's products that are exempt. - Products for children under 12 years of age that are subject to CPSIA lead requirements are exempt. - Composite up to 3 colors / like materials. Composite testing is only allowed for items tested by BV, SGS, Intertek and Qima (own name pre-tests and Greenbrier reports). - Individual materials will be analyzed if the composite result exceeds the adjusted limit (regulatory limit divided by the number of components). - Vendor shall be responsible for the compliance of all other materials. - Does not apply to drugs or cosmetic/drugs. Greenbrier Requirement – Children's pencils and colored pencils must also comply.	Greenbrier	USA	M	Pass
A R	Total lead in substrate	Washington Children's Safe Products Act (CSPA) – RCW Chapter 70.240.020 / CPSC-CH-E1001-08.3 / CPSC-CH-E1002-08.3	All accessible substrates, before and after use and abuse testing, on children's products under the age of twelve shall not exceed 90 ppm (0.009 % by weight) total lead. Note: - Limited to toys, cosmetics, jewelry, products designed or intended by the manufacturer to help a child with sucking or teething, to facilitate sleep, relaxation, or the feeding of a child, or to be worn as clothing by children, and child car seats.	Greenbrier	USA	M	Pass



Test Report

Number: SHAH01422540

Tests Conducted

Key	Attribute	Citation	Requirement / Limit	Banner	Country	Result	Rating
			<ul style="list-style-type: none"> - Refer to CPSA Reporting Rule WAC 173-334 for the complete product list. - See RCW Chapter 70.240.010 for children's products that are exempt. - Products for children under 12 years of age that are subject to CPSIA lead requirements are exempt. - Non-suspect materials, except leather, as defined by the Consumer Products Safety Commission in 16 CFR 1500.91 (d) and (e) will not be tested. Vendor is responsible for compliance of these materials. - Composite up to 3 colors / like materials (except metals). Composite testing is only allowed for items tested by BV, SGS, Intertek and Qima (own name pre-tests and Greenbrier reports). - Individual materials will be analyzed if the composite result exceeds the adjusted limit (regulatory limit divided by the number of components). - Does not apply to drugs or cosmetic/drugs. <p>Greenbrier Requirement – Children's pencils and colored pencils must also comply.</p>				
A R	Total cadmium in surface coating	Washington Children's Safe Products Act (CSPA) – RCW Chapter 70.240.020 / CPSC-CH-E1003-09.1 (Mod)	<p>All accessible surface coatings, before and after use and abuse testing, on children's products under the age of twelve shall not exceed 40 ppm (0.004 % by weight) total cadmium.</p> <p>Note:</p> <ul style="list-style-type: none"> - Limited to toys, cosmetics, jewelry, products designed or intended by the manufacturer to help a child with sucking or teething, to facilitate sleep, relaxation, or the feeding of a child, or to be worn as clothing by children, and child car seats. - Refer to CPSA Reporting Rule WAC 173-334 for the complete product list. - See RCW Chapter 70.240.010 for children's products that are exempt. - Products for children under 12 years of age that are subject to CPSIA cadmium requirements are exempt. - Composite up to 3 colors / like materials. Composite testing is only allowed for items tested by BV, SGS, Intertek and Qima (own name pre-tests and Greenbrier reports). - Individual materials will be analyzed 	Greenbrier	USA	M	Pass



Test Report

Number: SHAH01422540

Tests Conducted

Key	Attribute	Citation	Requirement / Limit	Banner	Country	Result	Rating
			<p>if the composite result exceeds the adjusted limit (regulatory limit divided by the number of components).</p> <ul style="list-style-type: none"> - Vendor shall be responsible for the compliance of all other materials. - Does not apply to drugs or cosmetic/drugs. <p>Greenbrier Requirement – Children's pencils and colored pencils must also comply.</p>				
A R	Total cadmium in substrate	Washington Children's Safe Products Act (CSPA) – RCW Chapter 70.240.020 / CPSC-CH-E1001-08.3 (Mod) / CPSC-CH-E1002-08.3 (Mod)	<p>All accessible substrates, before and after use and abuse testing, on children's products under the age of twelve shall not exceed 40 ppm (0.004 % by weight) total cadmium.</p> <p>Note:</p> <ul style="list-style-type: none"> - Limited to toys, cosmetics, jewelry, products designed or intended by the manufacturer to help a child with sucking or teething, to facilitate sleep, relaxation, or the feeding of a child, or to be worn as clothing by children, and child car seats. - Refer to CPSA Reporting Rule WAC 173-334 for the complete product list. - See RCW Chapter 70.240.010 for children's products that are exempt. - Products for children under 12 years of age that are subject to CPSIA cadmium requirements are exempt. - Composite up to 3 colors / like materials (except metals). Composite testing is only allowed for items tested by BV, SGS, Intertek and Qima (own name pre-tests and Greenbrier reports). - Individual materials will be analyzed if the composite result exceeds the adjusted limit (regulatory limit divided by the number of components). - Actual testing will be conducted on all accessible plastics and metals. - Vendor shall be responsible for the compliance of all other materials. - Does not apply to drugs or cosmetic/drugs. <p>Greenbrier Requirement – Children's pencils and colored pencils must also comply.</p>	Greenbrier	USA	M	Pass
A R	Phthalates in children product	Washington Children's Safe Products Act (CSPA) – RCW	<p>All accessible components, before and after use and abuse testing, on children's products under the age of twelve shall not exceed a sum of 1000 ppm (0.10% by weight) of DEHP, BBP, DBP, DINP, DNOP,</p>	Greenbrier	USA	M	Pass



Test Report

Number: SHAH01422540

Tests Conducted

Key	Attribute	Citation	Requirement / Limit	Banner	Country	Result	Rating
		Chapter 70.240.020 / CPSC-CH-C1001-09.4	<p>DIDP. Note:</p> <ul style="list-style-type: none"> - Limited to toys, cosmetics, jewelry, products designed or intended by the manufacturer to help a child with sucking or teething, to facilitate sleep, relaxation, or the feeding of a child, or to be worn as clothing by children, and child car seats. - Refer to CPSA Reporting Rule WAC 173-334 for the complete product list. - See RCW Chapter 70.240.010 for children's products that are exempt. - Products for children under 12 years of age that are subject to CPSIA phthalates requirements are exempt. - Actual testing would be conducted on all accessible plastics materials (including natural and synthetic rubber), plasticizer print, scrapable surface coatings, decals, polymeric coated materials (unscrapable), adhesives and sealants (exclude adhesive for stickers), reusable packaging, electrical plug and cables. - Does not apply to drugs or cosmetic/drugs. - Vendor shall be responsible for the compliance of all other materials. - Composite up to 3 colors / like materials. Composite testing is only allowed for items tested by BV, SGS, Intertek and Qima (own name pre-tests and Greenbrier reports). - Individual materials will be analyzed if the composite result exceeds the adjusted limit (regulatory limit divided by the number of components). <p>Greenbrier Requirement – Children's pencils and colored pencils must also comply</p>				
A R	Chemical of High Concern to Children (CHCC)-Doc	Washington Children's Safe Products Act (CSPA) Reporting Rule Chapter 173-334-WAC	<p>All accessible component, before and after use and abuse testing, on children's product under the age of twelve shall not exceed 90 ppm for intentionally added chemicals, and/or 100 ppm (0.01% by weight) for unintentionally added chemicals. In lieu of testing, test report can be submitted if dated within one year. Rate per test result in submitted test report. Refer to image appendix for decision flow chart for rating.</p> <p>Note:</p> <ul style="list-style-type: none"> - Compare all data within the 	Greenbrier	USA	See Doc SHAH01393323	Pass



Test Report

Number: SHAH01422540

Tests Conducted

Key	Attribute	Citation	Requirement / Limit	Banner	Country	Result	Rating
			<p>documentation to ensure that it does not exceed any federal or state regulation in the applicable protocols and supplemental protocols for the product noted in the documentation. Refer to image appendix of state regulations, which is not all inclusive. Fail any results that exceed the federal or state regulations.</p> <ul style="list-style-type: none"> - Report actual composite / individual result (both chemical name and concentration) or include data table within report. - Composite testing is only allowed for items tested by BV, SGS, Intertek and Qima (own name pre-tests and Greenbrier reports). - When other 3rd party test reports are submitted, test results must include all individual accessible components of the item, for all CHCCs. - Composite testing across styles is allowed. - Hair goods for beautification are exempted - Refer to the CSPA Reporting Rule section WAC 173-334-130 for list of 85 CHCC. - A declaration form must be submitted together with article (GRBI-GB-SUPP-CHEMICALS OF HIGH CONCERN (CHCC) DECLARATION FORM). The chemical on the CHCC list which is intentionally added chemical or a contaminant present in a product should be declared by the vendor or manufacturer. - Include CHCC findings in the report submitted in lieu of testing in the results section of this test line. Client requirement 				
A R	High Priority Chemicals of Concern (HPCCs)-Doc	Oregon Toxic-Free Kids Act Reporting Rule - ORS 431A.250-280	<p>All accessible and inaccessible components, before and after use and abuse testing, on children's products under the age of twelve shall not exceed 100 ppm (0.01% by weight) for unintentionally added chemicals. In lieu of testing, test report can be submitted if dated within one year. Rate per test result in submitted test report. Refer to image appendix for decision flow chart for rating.</p> <p>Note:</p> <ul style="list-style-type: none"> - Compare all data within the 	Greenbrier	USA	See Doc SHAH01393323	Pass



Test Report

Number: SHAH01422540

Tests Conducted

Key	Attribute	Citation	Requirement / Limit	Banner	Country	Result	Rating
			<p>documentation to ensure that it does not exceed any federal or state regulation in the applicable protocols and supplemental protocols for the product noted in the documentation. Fail any results that exceed the federal or state regulations.</p> <ul style="list-style-type: none"> - Report actual composite result (both chemical name and concentration) or include data table within report. - Testing based on 3 samples. - Composite up to 3 like materials, except metal. Composite testing is only allowed for items tested by BV, SGS, Intertek and Qima (own name pre-tests and Greenbrier reports). - When other 3rd party test reports are submitted, test results must include all individual accessible components of the item, for all CHCCs, and rated as MARGINAL if reporting is necessary. - Composite testing across styles is allowed. - Accessible and inaccessible materials are not composited together. - Hair goods for beautification are exempted - Refer to Oregon ORS 431A.250-280 for list of 68 CHCC to be tested. - A declaration form must be submitted together with article (GRBI-GB-SUPP-CHEMICALS OF HIGH CONCERN (CHCC) DECLARATION FORM). The chemical on the CHCC list which is an intentionally added chemical or a contaminant present in a product should be declared by the vendor or manufacturer. - Include CHCC findings in the report submitted in lieu of testing in the results section of this test line. - Manufacturers are required to ensure compliance with Phase 3 which includes but not limited to removing, substituting or obtaining a waiver for chemicals within products for under 3 years of age, children's cosmetics and mouthable items. - Effective Jan. 1, 2022, Oregon mandates manufacturers to meet removal, substitution, waiver or exemption requirements for the following categories of children's products which the manufacturer will 				



Test Report

Number: SHAH01422540

Tests Conducted

Key	Attribute	Citation	Requirement / Limit	Banner	Country	Result	Rating
			report their third reporting of high priority chemicals of concern for children: those for children under 3 years old, mouthable items, and children's cosmetics. Client requirement				
A R	Chemical of High Concern to Children (CHCC)-Doc	Vermont Chemicals of High Concern in Children's Products Rule 18 V.S.A. Ch 38A	All accessible components, before and after use and abuse testing, on children's products under the age of twelve shall not exceed 100 ppm (0.01% by weight) for unintentionally added chemicals. In lieu of testing, test report can be submitted if dated within one year. Rate per test result in submitted test report. Refer to image appendix for decision flow chart for rating. Note: - Compare all data within the documentation to ensure that it does not exceed any federal or state regulation in the applicable protocols and supplemental protocols for the product noted in the documentation. Fail any results that exceed the federal or state regulations - Report actual composite result (both chemical name and concentration) or include data table within report. - Testing based on 3 samples. Composite up to 3 like materials, except metal. Composite testing is only allowed for items tested by BV, SGS, Intertek and Qima (own name pre-tests and Greenbrier reports). - When other 3rd party test reports are submitted, test results must include all individual accessible components of the item, for all CHCCs, and rated as MARGINAL for Greenbrier, CONDITIONAL PASS for Family Dollar. - Composite testing across styles is allowed. - Hair goods for beautification are exempted - Refer to Vermont 18 V.S.A. Ch 38A for list of 86 CHCC to be tested. - A declaration form must be submitted together with article (GRBI-GB-SUPP-CHEMICALS OF HIGH CONCERN (CHCC) DECLARATION FORM). The chemical on the CHCC list which is an intentionally added	Family Dollar, Greenbrier	USA	See Doc SHAH01393 323	Pass



Test Report

Number: SHAH01422540

Tests Conducted

Key	Attribute	Citation	Requirement / Limit	Banner	Country	Result	Rating
			chemical or a contaminant present in a product should be declared by the vendor or manufacturer. - Include CHCC findings in the report submitted in lieu of testing in the results section of this test line. Client requirement				
A R	Priority chemicals - total heavy metals in children products-Doc	Maine Toxic Chemicals in Children's Products Law / Department of Environmental Protection Ch.884,886,887	All accessible components, before and after use and abuse testing, on certain children's products under the age of twelve shall not exceed 100 ppm (0.01% by weight) for unintentionally added cadmium, arsenic, or mercury. In lieu of testing, test report can be submitted if dated within one year. Rate per test result in submitted test report. Refer to image appendix for decision flow chart for rating. Note: - Compare all data within the documentation to ensure that it does not exceed any federal or state regulation in the applicable protocols and supplemental protocols for the product noted in the documentation. Fail any results that exceed the federal or state regulations. - Report actual composite result (both chemical name and concentration) or include data table within report. - Testing based on 3 samples. - Children's products are defined as bedding, childcare articles, clothing, cosmetics, craft supplies, footwear, games, jewelry and embellishments, safety seat, occasion supplies, personal accessories, personal care product, school supplies, and toys. - Composite up to 3 like materials, except metal. Composite testing is only allowed for items tested by BV, SGS, Intertek and Qima (own name pre-tests and Greenbrier reports). - When other 3rd party test reports are submitted, test results must include all individual accessible components of the item, for all CHCCs, and rated as MARGINAL for Greenbrier, CONDITIONAL PASS for Family Dollar. - Composite testing across styles is allowed. - A declaration form must be submitted together with article (GRBI-	Family Dollar, Greenbrier	USA	See Doc SHAH01393 323	Pass



Test Report

Number: SHAH01422540

Tests Conducted

Key	Attribute	Citation	Requirement / Limit	Banner	Country	Result	Rating
			<p>GB-SUPP-CHEMICALS OF HIGH CONCERN (CHCC) DECLARATION FORM). The chemical on the CHCC list which is an intentionally added chemical or a contaminant present in a product should be declared by the vendor or manufacturer.</p> <p>- Include CHCC findings in the report submitted in lieu of testing in the results section of this test line.</p> <p>Client requirement</p>				
A R	Priority chemicals - formaldehyde in children products-Doc	Maine Toxic Chemicals in Children's Products Law / Department of Environmental Protection Ch.885	<p>All accessible components, before and after use and abuse testing, of certain children's product under the age of twelve shall not exceed 100 ppm (0.01% by weight) for unintentionally added formaldehyde. In lieu of testing, test report can be submitted if dated within one year. Rate per test result in submitted test report. Refer to image appendix for decision flow chart for rating.</p> <p>Note:</p> <ul style="list-style-type: none"> - Compare all data within the documentation to ensure that it does not exceed any federal or state regulation in the applicable protocols and supplemental protocols for the product noted in the documentation. Fail any results that exceed the federal or state regulations. - Report actual composite result (both chemical name and concentration) or include data table within report. - Testing based on 3 samples. - Children's products are defined as bedding, childcare articles, clothing, cosmetics, craft supplies, footwear, games, jewelry and embellishments, safety seat, occasion supplies, personal accessories, personal care product, school supplies, and toys. - Composite up to 3 like materials, except metal. Composite testing is only allowed for items tested by BV, SGS, Intertek and Qima (own name pre-tests and Greenbrier reports). - When other 3rd party test reports are submitted, test results must include all individual accessible components of the item, for all CHCCs, and rated as MARGINAL for Greenbrier, CONDITIONAL PASS for Family Dollar. - Composite testing across styles is 	Family Dollar, Greenbrier	USA	See Doc SHAH01393 323	Pass



Test Report

Number: SHAH01422540

Tests Conducted

Key	Attribute	Citation	Requirement / Limit	Banner	Country	Result	Rating
			<p>allowed.</p> <ul style="list-style-type: none"> - A declaration form must be submitted together with article (GRBI-GB-SUPP-CHEMICALS OF HIGH CONCERN (CHCC) DECLARATION FORM). The chemical on the CHCC list which is an intentionally added chemical or a contaminant present in a product should be declared by the vendor or manufacturer. - Include CHCC findings in the report submitted in lieu of testing in the results section of this test line. <p>Client requirement</p>				
A R	Priority chemicals - bisphenol A in children products- Doc	Maine Toxic Chemicals in Children's Products Law / Department of Environmental Protection Ch.882	<p>All accessible components, before and after use and abuse testing, on the following children's product under the age of twelve shall not contain Bisphenol-A (BPA) exceeding 30 mg/kg.</p> <ul style="list-style-type: none"> - Infant formula / baby food plastic container, jar or can - Toys - Child care articles - Tablewares for all ages <p>In lieu of testing, test report can be submitted if dated within one year. Rate per test result in submitted test report. Refer to image appendix for decision flow chart for rating.</p> <p>Note:</p> <ul style="list-style-type: none"> - Compare all data within the documentation to ensure that it does not exceed any federal or state regulation in the applicable protocols and supplemental protocols for the product noted in the documentation. Fail any results that exceed the federal or state regulations. - Report actual results or include data table within report. - At or above 30 ppm should be rated as Marginal for Greenbrier, CONDITIONAL PASS for Family Dollar. - Vendors shall provide a bill of materials (BOM) or bill of substance (BOS) for material identification. - Transfer any Bisphenol A results from CHCC test report issued by any 3rd party testing lab. - If no Bisphenol A result is noted on the CHCC test report, review the BOM or BOS. - If Bisphenol A is not listed on the 	Family Dollar, Greenbrier	USA	See Doc SHAH01393 323	Pass



Test Report

Number: SHAH01422540

Tests Conducted

Key	Attribute	Citation	Requirement / Limit	Banner	Country	Result	Rating
			<p>BOM or BOS, test line shall note rating as N/A.</p> <ul style="list-style-type: none"> - If Bisphenol A is noted on the BOM or BOS, Actual testing will be conducted on all accessible polycarbonate and epoxy resin materials only, including both coatings and substrates to determine ppm amount. - If vendor cannot provide surface coating BOM or BOS information, all coatings (except lacquer and paint) will be tested. - If Bisphenol A is not used for accessible polycarbonate and epoxy resin material, including both coatings and substrates, then the actual test will not be conducted and test line shall note rating as N/A. - Composite up to 3 colors / like materials. Composite testing is only allowed for items tested by BV, SGS, Intertek and Qima (own name pre-tests and Greenbrier reports). - Vendors shall be responsible for the compliance of all other materials. <p>Client requirement</p>				
A R	Priority chemicals - flame retardant in children product-Doc	Maine Toxic Chemicals in Children's Products Law / Department of Environment al Protection Ch.889	<p>All accessible components, before and after use and abuse testing, on certain children's products shall not exceed 100 ppm (0.01% by weight) for unintentionally added flame retardants: decaBDE and HBCD. In lieu of testing, test report can be submitted if dated within one year. Rate per test result in submitted test report. Refer to image appendix for decision flow chart for rating.</p> <p>Note:</p> <ul style="list-style-type: none"> - Compare all data within the documentation to ensure that it does not exceed any federal or state regulation in the applicable protocols and supplemental protocols for the product noted in the documentation. Fail any results that exceed the federal or state regulations. - Report actual composite result (both chemical name and concentration) or include data table within report. - Testing based on 3 samples. - Children's products are defined as the following products for under the age of twelve: child care article; children's sleepwear; children's toy; 	Family Dollar, Greenbrier	USA	See Doc SHAH01393 323	Pass



Test Report

Number: SHAH01422540

Tests Conducted

Key	Attribute	Citation	Requirement / Limit	Banner	Country	Result	Rating
			children's clothing; children's footwear. Additionally, it includes the following products for all ages: electronic device, household furniture and furnishings; mattresses for all sizes; and mattress pads for all sizes. - Composite up to 3 like materials, except metal. Composite testing is only allowed for items tested by BV, SGS, Intertek and Qima(own name pre-tests and Greenbrier reports). - When other 3rd party test reports are submitted, test results must include all individual components of the item, for all CHCCs, and rated as MARGINAL for Greenbrier, CONDITIONAL PASS for Family Dollar. - Composite testing across styles is allowed. - A declaration form must be submitted together with article (GRBI-GB-SUPP-CHEMICALS OF HIGH CONCERN (CHCC) DECLARATION FORM). The chemical on the CHCC list which is an intentionally added chemical or a contaminant present in a product should be declared by the vendor or manufacturer. - Include CHCC findings in the report submitted in lieu of testing in the results section of this test line. Client requirement				
Other test requirements according to test protocol						NA	-



Test Report

Number: SHAH01422540

Tests Conducted

Key: *: Additional charge items †: Mandatory Requirement

"Children's product" as defined in RCW Chapter 70.240.010 of Washington Children's Safe Products Act (CSPA) does not include the following:

- (i) Batteries;
- (ii) Slings and catapults;
- (iii) Sets of darts with metallic points;
- (iv) Toy steam engines;
- (v) Bicycles and tricycles;
- (vi) Video toys that can be connected to a video screen and are operated at a nominal voltage exceeding twenty -four volts;
- (vii) Chemistry sets;
- (viii) Consumer and children's electronic products, including but not limited to personal computers, audio and video equipment, calculators, wireless phones, game consoles, and handheld devices incorporating a video screen, used to access interactive software and their associated peripherals;
- (ix) Interactive software, intended for leisure and entertainment, such as computer games, and their storage media, such as compact disks;
- (x) BB guns, pellet guns, and air rifles;
- (xi) Snow sporting equipment, including skis, poles, boots, snow boards, sleds, and bindings;
- (xii) Sporting equipment, including, but not limited to bats, balls, gloves, sticks, pucks, and pads;
- (xiii) Roller skates;
- (xiv) Scooters;
- (xv) Model rockets;
- (xvi) Athletic shoes with cleats or spikes; and
- (xvii) Pocket knives and multitools.

Results Key:

NA	Not Applicable	NT	Not Tested
NR	Not Requested	R	Recorded
C	Claimed		

Rating Key:

P	Pass
F	Fail



Test Report

Number: SHAH01422540

Tests Conducted

TEST PROTOCOL FOR TOXICS IN PACKAGING CLEARINGHOUSE (GBFD-09062.03-AMN, VERSION: 5.0)

As requested by the applicant, the submitted sample was tested as per GBFD-09062.03-AMN Dated Nov 11, 2021; the test results were listed as below:

Key	Attribute	Citation	Requirement / Limit	Banner	Country	Result	Rating
ANALYTICAL							
AR	Heavy metal in packaging-Doc	Model Toxics in Packaging Legislation of the Toxics in Packaging Clearinghouse (TPCH)	The sum of concentration levels of lead, cadmium, mercury and hexavalent chromium in packaging or packaging components shall not exceed 100 mg/kg (100 ppm) by weight. In lieu of testing, test report can be submitted if dated within One year.	Greenbrier	USA	See Doc SHAH01393 323	Pass
Other test requirements according to test protocol						NA	-

Key: *: Additional charge items

† : Mandatory Requirement

Results Key:

NA	Not Applicable	NT	Not Tested
NR	Not Requested	R	Recorded
C	Claimed		

Rating Key:

P	Pass
F	Fail



Test Report

Number: SHAH01422540

Tests Conducted

1 Heavy metal elements analysis

As per section 4.3.5.1(2) and 8.3.1 / 4.3.5.2(2)(b) and 8.3.1 of the ASTM standard consumer safety specification on toy safety F963-17, test method(s) CPSC-CH-E1003-09.1 and/or CPSC-CH-E1002-08.3 and/or CPSC-CH-E1001-08.3 was/were used and heavy metal elements content were determined by Inductively Coupled Argon Plasma Spectrometry.

	Result (ppm)				ASTM F963-17 Soluble limit(ppm)
	(1)	(2)	(3)to(5)	(6)	
Tot. Barium (Ba)	<10	<10	<10	<10	1000
Tot. Lead(Pb)	<10	<10	<10	<10	90
Tot. Cadmium (Cd)	<10	<10	<10	<10	75
Tot. Antimony (Sb)	<10	<10	<10	<10	60
Tot. Selenium (Se)	<10	<10	<10	<10	500
Tot. Chromium (Cr)	15	33	<10	18	60
Tot. Mercury(Hg)	<10	<10	<10	<10	60
Tot. Arsenic (As)	<10	<10	<10	<10	25

Remark: ppm = Parts per million = mg/kg
Tot. = Total

Tested components: See component list in the last section of this report

Date Sample Received: 04 Jan, 2022
Testing Period: 04 Jan, 2022 To 07 Jan, 2022

2 Total Lead (Pb) Content In Non-Surface Coating Materials (Substrate)

With reference to standard operating procedures for determining total Lead (Pb) in children's products, test method(s) CPSC-CH-E1002-08.1 and/or CPSC-CH-E1001-08.1 was/were used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

Tested Component	Result (ppm)	Requirement (ppm)
(3)to(6)	<10	90

Remark: ppm = Parts per million = mg/kg

Tested Components: See component list in the last section of this report.

Date Sample Received: 04 Jan, 2022
Testing Period: 04 Jan, 2022 To 07 Jan, 2022

To be continued



Test Report

Number: SHAH01422540

Tests Conducted

3 Total Cadmium (Cd) Content on Surface Coating

Acid digestion method was used and total Cadmium content was determined by Inductively Coupled Argon Plasma Spectrometry.

Tested Component	Result (ppm)	Requirement (ppm)
(1)	ND	40
(2)	ND	40

Remark: ppm = Parts per million = mg/kg
ND = Not Detected
Detection limit = 10 ppm

Tested Components: See component list in the last section of this report.

Date Sample Received: 04 Jan, 2022
Testing Period: 04 Jan, 2022 To 07 Jan, 2022

4 Total Cadmium (Cd) Content on Substrate Material

Acid digestion method was used and total Cadmium content was determined by Inductively Coupled Argon Plasma Spectrometry.

Tested Component	Result (ppm)	Requirement (ppm)
(3)to(6)	ND	40

Remark: ppm = Parts per million = mg/kg
ND = Not Detected
Detection limit = 2 ppm

Tested Components: See component list in the last section of this report.

Date Sample Received: 04 Jan, 2022
Testing Period: 04 Jan, 2022 To 07 Jan, 2022

To be continued



Test Report

Number: SHAH01422540

Tests Conducted

5 Phthalate content

With reference to CPSC-CH-C1001-09.3, by Gas Chromatography-Mass Spectrometry (GC-MS) analysis.

<u>Tested compound</u>	<u>Result (%w/w)</u>	<u>Requirement (%w/w)</u>
	(1)to(6)	(Max.)
Di-butyl phthalate (DBP)	ND	0.1
Di(2-ethyl hexyl) phthalate(DEHP)	ND	0.1
Benzyl butyl phthalate (BBP)	ND	0.1
Di-iso-nonyl phthalate (DINP)	ND	0.1
Di-iso-decyl phthalate (DIDP)	ND	0.1
Di-n-octyl phthalate (DnOP)	ND	0.1
Diisobutyl phthalate (DIBP)	ND	0.1
Di-n-pentyl Phthalate (DPENP)	ND	0.1
Di-n-hexyl Phthalate (DHEXP)	ND	0.1
Dicyclohexyl Phthalate (DCHP)	ND	0.1

Remark: Detection Limit = 0.01%(w/w)
 ND = Not Detected

Tested Components: See component list in the last section of this report.

Date Sample Received: 04 Jan, 2022

Testing Period: 04 Jan, 2022 To 07 Jan, 2022

 To be continued



Test Report

Number: SHAH01422540

Tests Conducted

6 Washington CSPA – Lead Content

With reference to CPSC-CH-E1002-08.3 and/or CPSC-CH-E1001.08.3 and/or CPSC-CH-E1003-09.1, followed by Inductively Coupled Argon Plasma Spectrometry.

Element	Result (mg/kg)	Limit (mg/kg)
	(1)to(6)	(Max.)
Total Lead (Pb)	ND	90

Remark: Detection Limit = 10 ppm
ND = Not Detected

Tested Components: See component list in the last section of this report.

Date Sample Received: 04 Jan, 2022
Testing Period: 04 Jan, 2022 To 07 Jan, 2022

7 Washington CSPA – Cadmium Content

With reference to Section 8.3.1 of ASTM F963-17, followed by Inductively Coupled Argon Plasma Spectrometry.

Element	Result (mg/kg)	Limit (mg/kg)
	(1)to(6)	(Max.)
Total Cadmium (Cd)	ND	40

Remark: Detection Limit = 10 ppm
ND = Not Detected

Tested Components: See component list in the last section of this report.

Date Sample Received: 04 Jan, 2022
Testing Period: 04 Jan, 2022 To 07 Jan, 2022

To be continued



Test Report

Number: SHAH01422540

Tests Conducted

8 Washington CSPA – Phthalates content

Solvent extraction and followed by Gas Chromatography - Mass Spectrometry (GC-MS) Analysis.

<u>Chemical</u>	<u>Result(%)</u>	<u>Limit(%) (Max.)</u>
	(1)to(6)	
Dibutyl Phthalate (DBP)	ND	0.1
Butyl Benzyl Phthalate (BBP)	ND	0.1
Di-2-Ethylhexyl Phthalate (DEHP)	ND	0.1
Di-n-Octyl Phthalate (DnOP)	ND	0.1
Diisodecyl Phthalate (DIDP)	ND	0.1
Diisononyl Phthalate (DINP)	ND	0.1
Sum Of Above Six Phthalates	ND	0.1

Remark: Detection Limit = 0.005% for DNOP and DIDP; 0.002% for others
ND = Not Detected

Tested Components: See component list in the last section of this report.

Date Sample Received: 04 Jan, 2022

Testing Period: 04 Jan, 2022 To 07 Jan, 2022

9 Total Lead (Pb) content

With reference to us EPA method 3050B, acid digestion method was used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

<u>Tested Component</u>	<u>Result (ppm)</u>	<u>Requirement (ppm)</u>
(1)	<10	90
(2)	<10	90
(3)to(6)	<10	100

The above limit was quoted from the Consent Judgement No. RG-356892 settled by superior court of the state of California for the county of Alameda, for toys based on the California Proposition 65.

Remark: ppm = parts per million = mg/kg

Tested Components: See component list in the last section of this report.

Date Sample Received: 04 Jan, 2022

Testing Period: 04 Jan, 2022 To 07 Jan, 2022

To be continued



Test Report

Number: SHAH01422540

Tests Conducted

10 Phthalate Content

With reference to CPSC-CH-C1001-09.3 and by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

	Result (% w/w)	Limit (% w/w)
	(1)to(6)	
Dibutyl phthalate (DBP)	ND	0.1
Diethyl hexyl phthalate (DEHP)	ND	0.1
Benzyl butyl phthalate (BBP)	ND	0.1
Di-iso-decyl phthalate (DIDP)	ND	0.1
Di-n-hexyl phthalate (DnHP)	ND	0.1
Diisononyl phthalate (DINP)	ND	--

Remark: The above limit was quoted from the Consent Judgment No. BG-350969 settled by superior court of the State of California for the county of Alameda , for Toys based on the California Proposition 65.

ND = Not Detected
Detected Limit = 0.01%(w/w)

Tested Component(s): See component list in the last section of this report

Date Sample Received: 04 Jan, 2022

Testing Period: 04 Jan, 2022 To 07 Jan, 2022

To be continued



Test Report

Number: SHAH01422540

Tests Conducted

11 Total Lead (Pb) Content In Surface Coating

As per standard operating procedure for determining Lead (Pb) in paint and other similar surface coatings (April 26, 2009), test method CPSC-CH-E1003-09.1 was used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

Tested Component	Result (ppm)	Limit (ppm)
(1)	<20	90
(2)	<20	90

The limit was quoted according to U.S. Code of Federal Regulations title 16 part 1303 and U.S. Consumer Product Safety Improvement Act 2008 title I, section 101 for total Lead content in surface coating.

Remark: ppm = Parts per million = mg/kg

Tested Components: See component list in the last section of this report.

Date Sample Received: 04 Jan, 2022

Testing Period: 04 Jan, 2022 To 07 Jan, 2022

12 Total Lead (Pb) Content

As per Illinois Lead Poisoning Prevention Act 410 ILCS 45 section 6 (Public Act 095-1019), acid digestion method was used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

Tested Component	Result in %
(1)	<0.001
(2)	<0.001

Requirement:

The total Lead content shall not exceed 0.009% for surface coating and 0.01% for non-surface coating material (substrate) in accordance with the Consumer Product Safety Improvement Act of 2008 (CPSIA).

Remark: % = Percentage based on dry weight of testing sample

Examination of warning statement on children products:

Requirement: According to Illinois Lead poisoning prevention act 410 ILCS 45 section 6 (Public Act 095-1019), appropriate warning statement is required when the Lead content of the submitted sample IS more than 0.004% but less than 0.009%/0.01% by total weight or a lower standard for Lead content as may be established by federal or state law or regulation.

Tested Components: See component list in the last section of this report.

Date Sample Received: 04 Jan, 2022

Testing Period: 04 Jan, 2022 To 07 Jan, 2022

To be continued



Test Report

Number: SHAH01422540

Tests Conducted

13 Phthalate content test

As per Health Canada - part B, test methods section, method C-34, by Gas Chromatography-Mass Spectrometry (GC-MS) analysis

Tested Compound	Result (ppm)	Limit(ppm) (MAX.)
	(3)to(6)	
Di-butyl phthalate (DBP)	ND	1000
Di(2-ethyl hexyl) phthalate(DEHP)	ND	1000
Benzyl butyl phthalate (BBP)	ND	1000
Di-iso-nonyl phthalate (DINP)	ND	1000
Di-n-octyl phthalate (DNOP)	ND	1000
Di-iso-decyl phthalate (DIDP)	ND	1000

Remark: The above limit was quoted according to Canada Consumer Product Safety Act Phthalates Regulation SOR/2016-188 for phthalate content on toys and child care articles.

Detection Limit = 100ppm
ppm = Parts per million=mg/kg
ND = Not Detected

Tested Components: See component list in the last section of this report.

Date Sample Received: 04 Jan, 2022

Testing Period: 04 Jan, 2022 To 07 Jan, 2022

To be continued



Test Report

Number: SHAH01422540

Tests Conducted

14 Total Lead (Pb) content

As per method C02.2, C02.3 and C02.4, published in Health Canada Product safety reference manual Book 5 - Laboratory Policies and Procedures Part B: test methods section, acid digestion was used and Total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

Tested Component	Result (mg/kg)	Requirement (mg/kg)
(1)to(6)	ND	90

Remark: The above limit was quoted according to Canada Consumer Products Containing Lead Regulations SOR/2018-83.

Reporting Limit = 10 mg/kg
ND=Not Detected

Date Sample Received: 04 Jan, 2022

Testing Period: 04 Jan, 2022 To 07 Jan, 2022

15 Toxic Elements Analysis

As per method C02.2, C07 and C03, published in Health Canada Product safety reference manual Book 5 - Laboratory Policies and Procedures Part B: test methods section, by acid digestion and extraction methods were used and toxic elements content were determined by Inductively Coupled Argon Plasma Spectrometry.

	Result (mg/kg)		Limit (mg/kg)
	(1)	(2)	
Tot. Lead (Pb)	<10	<10	90
Tot. Mercury (Hg)	ND	ND	ND
Sol. Cadmium (Cd)	<10	<10	1000
Sol. Antimony (Sb)	<10	<10	1000
Sol. Selenium (Se)	<10	<10	1000
Sol. Arsenic (As)	<10	<10	1000
Sol. Barium (Ba)	<10	<10	1000

Remark: mg/kg = Milligram per kilogram

Tot. = Total

Sol. = Soluble

ND = Not detected (<0.047 mg/kg)

Tested Components: See component list in the last section of this report.

Date Sample Received: 04 Jan, 2022

Testing Period: 04 Jan, 2022 To 07 Jan, 2022

To be continued



Test Report

Number: SHAH01422540

Tests Conducted

Components:

- (1) White coating on plastic.
- (2) Black coating on plastic.
- (3) Red soft plastic.
- (4) Blue soft plastic.
- (5) Yellow soft plastic.
- (6) White sponge.

End of report

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