

BV Lab Number: Technician Name: Test Date: Reviewed

By/Date: Page 1 of 13

	Evaluation	Citation / Method	No. of Samples	Criteria	Notes	Result	Rating
	OPE: his protocol is applica	able for testing of knit	fabric and / garn	nent(tops and bottoms) for children / adult.			
	IPPLEMENTARY PR						
				be required if testing to one or more supplemental protocols is necessary. ) for additional information.			
Α	California Proposition 65	DILL-AN-PTCL- 06572-USA	1	The sample should be reviewed against the requirements of California Proposition 65.	Garment		
Α	Supplemental children's safety	DILL-SL-PTCL- 00990-USA	1	The sample should be reviewed against the requirements of Children's Safety Guidelines: DILL-SL-PTCL-00990-USA.	Garment		
Α	Special Claims	DILL-SL-PTCL- 00992-USA	-	The sample should be reviewed against the requirements of Special Claims Protocol: DILL-SL-PTCL-00992-USA.	Fabric / submitted with fabric / Garment		
Α	Gold label claims	DILL-SL-PTCL- 00991-USA	-	The sample should be reviewed against the requirements of Gold Label Claims Protocol: DILL-SL-PTCL-00991-USA, If applicable.	Fabric / submitted with fabric / Garment		
A R	Consumer products containing button cell or coin batteries	16 CFR 1263.3 / CPSD-EL-PTCL- 10000.01-USA		Each consumer product containing button cell or coin batteries shall comply with ANSI/UL 4200A-2023, Standard for Safety for Products Incorporating Button Batteries or Coin Cell Batteries.  All samples should be reviewed and tested to CPSD-EL-PTCL-10000.01-USA.  If Applicable	Garment		
A R	Labeling of button cell or coin battery packaging	16 CFR 1263.4 / CPSD-EL-PTCL- 10000.02-USA		This protocol establishes warning label requirements for packaging of button cell or coin batteries, including button cell or coin batteries packaged separately with a consumer product.  All samples should be reviewed and tested to CPSD-EL-PTCL-10000.02-USA.  If applicable	Garment		
LA	BELING						
R	US Packaging labeling	NIST Uniform Laws and Regulations Handbook 130	1	Packaging shall be labelled with the following, Product Identification Net quantity of contents shall be expressed in terms of weight or mass, measure, numerical count, or combination so as to give accurate information to facilitate consumer comparison (U.S. and metric units) Manufacturer, packer, or distributor's name & address (City, State & Zip Code)	Garment		



BV Lab Number: Technician Name: Test Date: Reviewed

By/Date: Page 2 of 13

	Evaluation	Samples			Notes Resu		Rating
R		19 CFR 134	1	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.	Garment		
R	Labeling review: fiber	16 CFR 300/303		Must be visible at point of sale. If label is not visible through packaging, fiber content must be repeated on packaging. Generic fiber name must be used and the contents spelled correctly and listed in descending order of predominance. Note: To determine the actual percentage, please refer to the physical characteristics section for Fiber Content AATCC 20/ 20A/ ASTM D629). If lab analysis does not match claimed, then the label will fail.  Note "fail the label when "RECYCLED" is used".	Garment		
R	Labeling review: RN# or WPL # or company name	16 CFR 300/303		If listed. Report actual.	Garment		
R	Labeling review: fur products	16 CFR 301	-	Report actual.	Garment		
R	Labeling review:	New York General Business Law § 399-AAA	1	For goods sold in New York, Delaware via stores, catalog and internet must be listed on a permanent label, or a temporary tag or a sticker.	Garment		
				Note: To determine the actual content, please refer to AATCC 20 / 20A to verify real fur vs. fur. If lab analysis does not match claimed, then the label will fail.			
	Labeling review: size	CPSD-GB-01057- MTHD	-	Visual examination to verify presence.	Garment		
R	Labeling review: care	16 CFR 423		Must be sewn in permanently and must comply to regulations. If label is not visible through packaging, care must be repeated on packaging.  Note:  - To determine the proper care instructions, please refer to testing results for confirmation of the proper care. If the lab analysis does not match the affixed or proposed label, then the label will fail.  - If "DRY CLEAN ONLY" care is submitted, fail for the care label and remark "Dillard's will not accept a "DRY CLEAN ONLY" label."  Client requirement: typewritten mock up label, attached / stapled to the garment, is also accepted.	Garment		



BV Lab Number: Technician Name: Test Date: Reviewed

By/Date: Page 3 of 13

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Labeling review: R Utah stuffed product	Utah Code Title 4 Chapter 10 - Bedding / Upholstered Furniture / and Quilted Clothing Inspection Act / Utah Administrative Code R70-101	1	Vendor must provide a copy of the Vendors' current Utah registration for document review.  Quilted and filled clothing does not require a "law label". However, manufacturers of quilted and filled clothing must license their products prior to offering their clothing for sale in Utah. Examples of regulated products include gloves, hats, coats, slippers, ski bibs, and "after-ski booties" which have hidden filling materials.  These articles shall be securely labeled following the mechanics of labeling under Federal Textile Fiber Products Identification Act, disclosing the hidden filling materials. Utah requires the fill to be listed regardless of warmth. Stiffeners such as shoulder pads or interfacing to support an embroidered decal or aesthetic effects such as filled decoration (ears, horns) are excluded.  The product must be permanently labeled or stamped with the following: Name of manufacturer, distributor, wholesaler or ultimate retailer or RN number, Generic name of the filling type and the % by weight in order of predominance, and country of origin.  [Sterilization requirement] For articles that include filling of Down, Feather, or Wool a copy of the sterilization permit must be provided from the sterilizer.  A sterilization permit must be be provided from the sterilizer.  A sterilization permit # must be listed on the permanent label attached to garment. It may be on the care/content label or separate label.  The submitted Sterilization permit will be verified against Permit # on label.  The permit number will be either a PA number or a UT number. If it is a PA number they still need to register with UT. (PER. NO. UT XXXXX (two letter country abbreviation) or PA XXXX (two letter country abbreviation).  NOTE (as a reminder) to the Manufacturer/Importer/Retailer: A copy of the GRS (Global Recycled Standard) certificate is required for products labeled "recycled down and feather". The GRS (Global Recycled Standard) certification must be submitted to the State of Utah at the time of registration or prior to shi	Garment		
ANALYTICAL						
Formaldehyde spot test on textile	Qualitative analysis / CPSD- AN-00018-MTHD	1	[Garments-Infant, children and adult] Body fabrics or garments for adults and infant/children aged 12 and below, shall be negative result.	Garment		



BV Lab Number: Technician Name: Test Date: Reviewed

By/Date: Page 4 of 13

Evaluation	Citation / Method	No. of Samples	Criteria	Notes	Result	Rating
			If result is positive, rate as fail.  Note:  1. Do not test on any trims.  2. For children garments, proceed to quantitative testing ONLY if the spot test result is inconclusive or positive.  3. For adult garments, never conduct quantitative analysis for any (positive and inconclusive) results. Inconclusive results shall be reported as "inconclusive".  4. Shall not perform more than 4 times (4 fabrics) of tests on an item. If more than 4 fabrics are found on an item, lab must contact Program Manager for client's approval.  5. This method cannot be applied on nylon and PU, quantitative analysis should be performed directly.  Client requirement			
A Formaldehyde in textile	Quantitative analysis / CPSD- AN-00019-MTHD	1	<ul> <li>[Full Test]</li> <li>a. Body fabric or garments for infants and children aged 36 months and below, formaldehyde content shall not exceed 35 mg/kg (35 ppm).</li> <li>b. Body fabric or garments for children aged from greater than 36 months to 12 years, formaldehyde content shall not exceed 75 mg/kg (75 ppm).</li> <li>Note:</li> <li>1. Never conduct testing on adult garments.</li> <li>2. For children garment, conduct testing ONLY if formaldehyde spot test shows positive or inconclusive result.</li> <li>3. Shall not perform more than 4 times (4 fabrics) of tests on an item. If more than 4 fabrics are found on an item, lab must contact Program Manager for client's approval.</li> <li>Client requirement</li> </ul>	Garment		
A Total lead in surface coating	CPSC-CH-E1003- 09.1 / CPSD-AN- 00001-MTHD	-	All accessible surface coatings in the as received state on items outside of the scope of 16 CFR 1303 shall not contain lead or lead components in which the lead content is in excess of 0.009% (90 ppm) of the weight of the total content.	Garment		



#### **DILLARD'S INC TEST PROTOCOL FOR** DILL-00300-USA- (V78) KNIT FABRIC AND GARMENT (TOPS AND BOTTOMS)

BV Lab Number: Technician Name: Test Date: Reviewed

By/Date: Page 5 of 13

Evaluation	Citation / Method	No. of Samples	Criteria	Notes	Result	Rating
			Report actual results or include data table within report. Component testing is allowed. Compositing up to 3 colors is allowed. Client requirement			
FLAMMABILITY					1	
Flammability of clothing textiles	16 CFR 1610	-	Class 1  All colors - Test non-exempt fibers in the following categories: Plain surface under 3 oz/yd² Raised surface of all weights.  Note: Do not test any coated material and leather.	Fabric / submitted with fabric		
PHYSICAL CHARACTE	ERISTICS					
A Fur-Doc	Microscopic method / BV testing method / CPSD-GB-00001- MTHD		Verification if applicable. Document review.	Fabric / submitted with fabric		
Fiber content analysis	AATCC 20-21 / AATCC 20A-21e	2	Blends - report actual (3% maximum tolerance - FTC) Single fiber - report actual (0% tolerance - FTC)	Fabric / submitted with fabric/ Garment*		
A Diameter of wool and other animal fibers by microprojection	ASTM D2130-22	2	Wool: Average fiber determination is required only when there is a quality claim such as "SUPERFINE" etc.  Cashmere: Fiber is identified by scale structure. Average fiber diameter determination is not required  Animal Hair Blends: Fiber diameter determination is done as a part of the microscopical separation process. Therefore it will be reported.	Fabric / submitted with fabric		
Fabric weight	ASTM D3776-20	1	Shall be as claimed (± 5%)	Fabric / submitted with fabric Garment		
Fabric count of knit fabric	ASTM D3887-96 R2008 sec 12	1	Report the number of wales / courses separately. Shall be as claimed (± 5%).	Fabric / submitted with fabric		
Width of textile	ASTM D3774-		[Cuttable width]	Fabric / submitted		



BV Lab Number: Technician Name: Test Date: Reviewed

By/Date: Page 6 of 13

Evaluation	n Citation / Method No. of Criteria Samples		Notes	Result	Rating	
fabric	2018	·	Report as data	with fabric		
PERFORMANCE Appearance after care	Overall Appearance after Repeated Cleaning Treatments	1	[3 HL/1 HW]  For machine wash GARMENTS with contrasting trim (e.g. cuffs, collars, plackets, piping, embroidery or other embellishment with a color different from the base fabric): Rate appearance after 1 HL and again after 3 HL. When there is an ironing instruction in the care label, conducted evaluation after ironing.  No obvious defects/observations affecting the end product performance/appearance, color change/staining, satisfactory performance of the components. List all observations.  Provide detailed explanation of the failure.  Color change: Grade 4.0 Self-staining: Grade 4.5	Fabric / submitted with fabric / Garment		
Dimensional changes of fabrics after home laundering	AATCC 135-18t	-	Pilling: Grade 4.0 minimum (ASTM D3512 photographic standard)  [3 HL/1 HW] [Per care label]  Shrinkage: General fabrics: -5% x -5% (CVC), -4% x -4% (CVS) Stretch fabrics (with Spandex): -6% x -5% (CVC), -5% x -4% (CVS) Fleece/Sherpa/French terry: -6% x -6% (CVC), -5% x -5% (CVS) Rib/Waffle/Pique: -7% x -6% (CVC), -5% x -5% (CVS) Jersey/Interlock/Pointelle: -6% x -5% (CVC), -5% x -5% (CVS) Thermal: -8 % x -8% (CVC), -7 % x -7% (CVS) Wool (washable): -5% x -5% (CVC) Silk (washable): -6% x -6% (CVC) Rayon/Lyocell/Viscose (CVS): -6% x -5%  Growth: +3% maximum  Note: When there is an ironing instruction in the care label, conducted	Fabric / submitted with fabric		



BV Lab Number: Technician Name: Test Date: Reviewed

By/Date: Page 7 of 13

Evaluation	Citation / Method	No. of Samples	Criteria	Notes	Result	Rating
			evaluation after ironing.  Note: Collars (tops only) must be measured and reported, both circumference and width.			
Dimensional changes of garments after home laundering	AATCC 150-18t	-	[3 HL/1 HW] [Per care label]  General fabrics -5% x -5% (CVC), -4% x 4% (CVS) Stretch fabrics (with spandex) -6% x -5% (CVC), -5% x -4% (CVS) Fleece/sherpa/french terry -6% x -6% (CVC), -5% x -5% (CVS) Rib/waffle/pique -7% x -6% (CVC), -5% x -5% (CVS) Jersey/interlock/pointelle -6% x -5% (CVC), -5% x -5% (CVS) Thermal -8 % x 8% (CVC), -7 % x 7% (CVS) Wool (washable) -5% x -5% (CVC) Silk (washable) -6% x -6% (CVC) Rayon/Lyocell/Viscose (CVS) -6% x -5%  Growth: 3%  Note: When there is an ironing instruction in the care label, conducted evaluation after ironing. Note: Collars (tops only) must be measured and reported, both circumference and width.	Garment		
Dimensional changes on drycleaning in perchloroethylene	AATCC 158-16	-	[1 DC] [Per care label] Shrinkage: -3.0% x -3.0%	Fabric / submitted with fabric / Garment		



BV Lab Number: Technician Name: Test Date: Reviewed

By/Date: Page 8 of 13

Evaluation Citation / Method No. of Samples			Criteria	Notes	Result	Rating
			Growth: 0.0%  Note: When there is an ironing instruction in the care label, conducted evaluation after ironing.  Note: Collars (tops only) must be measured and reported, both circumference and width.			
Skewness from home laundering	AATCC 179-23	1	5% maximum	Garment		
Bursting strength of textile fabrics: Diaphragm method	ASTM D3786- 18(R2023)	1	General: < 3.0 oz./sq yd 30 psi >3.0 oz./sq yd 45 psi Lace/ mesh: 20 psi	Fabric / submitted with fabric		
Seam stretchability of knitted garments	CPSD-SL-31051- MTHD	1	6 lb minimum or 30% elongation  Note: Do not conduct this test on pocket seams.	Garment		
A Stretch properties of knitted fabrics	ASTM D2594-20	3	[In stretch direction only] Spandex content: Less than 10%: measure time dependent growth and recovery using 60 minutes. Report both growth and recovery. Pass or fail based on growth. Growth: 5% Equal to or greater than 10%: measure instantaneous growth and recovery using 60 seconds. Report both growth and recovery. Pass or fail based on recovery. Recovery: minimum 85%.	Fabric / Submitted with Fabric		
Holding strength of snap fasteners	ASTM D7142-05 (R2021)	All	[Hardware trim:additional performance testing] [Snaps, eyelets, and rivets] Children's products:17 lb for 10 seconds Adult products:15 lb for 10 seconds  Note: components must be submitted attached to bulk fabric in the same manner as in production.	Garment		



BV Lab Number: Technician Name: Test Date: Reviewed

By/Date: Page 9 of 13

Evaluation	Citation / Method	No. of Samples	Criteria	Notes	Result	Rating
Impact resistance of plastic sew- through buttons	ASTM D5171- 15(R2020)	All (garment) 30 (if submitted loosely)	[Hardware trim: Additional performance testing] [Mass: 0.84 kg] [Mass drop height: 15L buttons and above: 44 mm, 14L buttons and below: 32 mm]  Test 20 large and 10 small buttons. No fractures, cracks, or chipping; Maximum 10% breakage allowed.  Example: For Damaged buttons Cuff: (15 out of 20) – 75% Sleeve placket: (10 out of 10) – 100%  Note: 1. Buttons must be submitted attached to bulk fabric in the same manner as in production. 2. Drop height & Linge size should be list in the report. 3. If the standard is requested by < 10%, than all results should be in percentage.	Garment		
Button/small parts attachment strength	CPSD-SL-31023- MTHD	All	[Hardware trim: additional performance testing] [Buttons] Children's products: 17 lb for 10 seconds Adult products: 15 lb for 10 seconds  Note: Buttons must be submitted attached to bulk fabric in the same manner as in production.	Garment		
Attachment strength	ASTM D1683-22 Modified	1	[Adult] [Hardware trim: additional performance testing] [Metal buckle, hook & eye]  Tops: 8 lb Bottom: 20 lb Dress: 8 lb  Modification: Expanded scope to cover component.	Garment		



BV Lab Number: Technician Name: Test Date: Reviewed

By/Date: Page 10 of 13

Evaluation	Citation / Method	No. of Samples			Crite	ria				Notes	Result	Rating
Strength tests for	ASTM D2061-07	-		Zipper Size	1-2	3-4	5-7	8-9	10	Garment		
zippers	(R2021)		Bottom	Aluminum	9.9	13.2	19.8	26.5	33.1			
			Stop	Brass/Nickel	11.0	17.6	17.6	26.5	33.1			
			Strength	CEF (Coil)	6.6	11.0	-	-	39.7			
			(lbf, min)	Plastic	-	11.0	19.8	30.9	37.5			
			Chain	Aluminum	55.0	77.2	110.3	110.3	110.3			
			Crosswise	Brass/Nickel	77.2	110.3	110.3	110.3	176.4			
			Strength	CEF (Coil)	77.2	88.2	143.3	-	220.5			
			(lbf, min)	Plastic	-	59.5	88.2	110.3	132.3			
			Slider	Aluminum	8.4	8.8	13.2	15.4	15.4			
			Lockhold	Brass/Nickel	8.8	13.2	13.2	15.4	15.4			
			(lbf, min)	CEF (Coil)	4.4	4.4	11.0	-	15.4			
				Plastic	-	6.6	7.7	13.2	15.4			
			Top Stop	Aluminum	15.4	17.6	22.1	33.1	39.7			
			Strength	Brass/Nickel	15.4	19.8	22.1	33.1	39.7			
			(lbf, min)	CEF (Coil)	15.4	17.6	26.5	-	39.7			
				Plastic	-	17.6	22.1	33.1	39.7			
COLORFASTNESS			<u> </u>	•	•	<u>'</u>	•	•		<b>1</b>		
Colorfastness to laundering: accelerated	AATCC 61- 13e(2020)e2 Modified	-	Staining: Grade Self staining: G Modification: for	Color change: Grade 4.0 minimum Staining: Grade 3.0 minimum Self staining: Grade 4.5 minimum  Modification: for care "machine wash cold", 2A option at 80 °F should be applied and for "machine wash warm",2A at 120°F.					Fabric / submitted with fabric			
Colorfastness to drycleaning	AATCC 132-13	-	Staining: Grade	Color change: Grade 4.0 minimum Staining: Grade 3.0 minimum Self staining: Grade 4.5 minimum					Fabric / submitted with fabric			
Colorfastness to crocking	AATCC 8-16	1	Dry: Grade 4.0 Wet: Grade 3.0	minimum	_	_	_	_		Fabric / submitted with fabric / Garment		
				al to color A to F nts/ denim/ silks minimum		2/1 & 1/1 p	per ISO 10	05 A01 sta	andard			



BV Lab Number: Technician Name: Test Date: Reviewed

By/Date: Page 11 of 13

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			Wet: Grade 2.5 minimum  Note: For pigment dyes if failing as received: then wash 1 cycle (following suggested care label), re-crock, and report actual rating after laundering. Do not pass or fail when retesting and report rating only.			
Colorfastness to perspiration	AATCC 15-21e	-	Color change: Grade 4.0 minimum Staining: Grade 3.0 minimum Self-staining: Grade 4.5 minimum	Fabric / submitted with fabric		
Quick method for colorfastness to chlorine bleach	AATCC/ASTM TS-001	1	Grade 4.0 minimum  Note: No testing if claimed "Do not bleach" or "non-chlorine bleach if necessary"	Fabric / Submitted with Fabric / Garment*		
Quick method for colorfastness to non-chlorine bleach	AATCC/ASTM TS-001	1	Grade 4.0 minimum Note: No testing if claimed "Do not bleach"	Fabric / Submitted with Fabric / Garment*		
Colorfastness to light	AATCC 16.3-20	1	[Option 3] Grade 4.0 minimum at 10 AFU.	Fabric / submitted with fabric/garment		
A Colorfastness to ozone	AATCC 109-16	1	[Indigo only] Grade 4.0 minimum after 1 cycle	Fabric / submitted with fabric		

NOTE ON SAMPLE SELECTION: Dillard's Testing Protocol addresses"Representative Sampling" by requiring every style to be tested at least once per Season.Further, When Selecting Style Samples to be sent for Testing, the Vendor/Factory Quality representative should randomly select finished products which have been fully produced in the Factory Assembly lines and comply with all supplied( or authorized by Dillard's) Style and BOM specifications.

#### Note

- 1. 2 chemical fiber included in package price if applicable, additional charge for additional / specialty fiber .
- 2. Garment\*: conduct actual testing only if no fabric report is submitted.

No. Of Samples Required for	-	Note: Fabric testing:2-2 ½ vards by Full		Client Approval:	Lucy Fena
140. Of Campics Required for		110tc. I dolle testing.2 2 72 yards by I dil	l	Olicht Approval.	Lucy i city



BV Lab Number: Technician Name: Test Date: Reviewed

By/Date: Page 12 of 13

Complete Testing		Width of Fabric of fabric/ colorway. Garment testing: Adult: 3 garments in the darkest colorway and one garment in each additional colorway Childrens: 6 garments in the darkest colorway and one garment in each additional colorway. Snaps, Eyelets, And Rivets: 2 dozen Buttons: 3 dozen Metal Buckle, Hook & Eye: 6 Zippers: 8 zippers Please note these sample submissions sizes are only estimates. There may be at times lab requires additional samples for lead and special claims testing.
No. Of (Fully Packed) Cartons For Transit Testing:		
No. Of Working Days For Complete Testing:	5	

#### Key A M

Additional Charge For This Test

Mandatory R Regulatory

Result Key C R Claimed Recorded Μ Meets

NM Does Not Meet Not Applicable Not Tested NA NT

Rating Key PASS Pass FAIL Fail

	03/May/2024
Creation Date:	17/Dec/2006
Last Revision Date:	02/May/2024
Pricing Review Date	
Technical Review Date:	17/Mar/2015



BV Lab Number: Technician Name: Test Date: Reviewed

By/Date: Page 13 of 13

Rating Key NR

Not Requested