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**DILLARD'S INC TEST PROTOCOL FOR**  
**DILL-02050-USA- (V26)**  
**JEWELRY-COSTUME / SEMI-PRECIOUS (ADULT)**

Evaluation	Citation / Method	No. of Samples	Criteria	Notes	Result	Rating
<b>SCOPE:</b> This protocol is applicable for testing of jewelry-costume / semi-precious (adult) with or without fur.						
<b>LABELING</b>						
M 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)			
M R Country of origin marking	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.			
R Labeling review: fur products	16 CFR 301	1	Report actual.			
<b>ANALYTICAL</b>						
A Total lead in jewelry	EPA 3050B (Mod)/EPA 3051A (Mod)/EPA 3052 (Mod) / CPSD-AN-00001-MTHD / CPSD-AN-00066-MTHD / CPSD-AN-00164-MTHD	1	Product shall be made of class 1 material or comply with following requirement:  Class 1 – Testing NOT REQUIRED  a. Stainless or surgical steels, karat gold; sterling silver; platinum group metals, pearl, glass, ceramic, crystal and certain gemstone (excluding aragonite, bayldonite, boleite, cerussite, crocoite, ekanite, linarite, mimetite, phosgenite, samarskite, vanadinite and wulfenite)  b. Natural decorative materials (bone, feathers, leather, shell, wood, etc), elastic, fabric, ribbon, rope, and string with no intentionally added lead  c. Adhesives  Materials other than Class 1 shall contain less than 200ppm (0.02% by weight) total lead.			



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**JEWELRY-COSTUME / SEMI-PRECIOUS (ADULT)**

Evaluation	Citation / Method	No. of Samples	Criteria	Notes	Result	Rating
			<p>BVCPS recommend all products shall provide documentation or material bill for material identification.</p> <p>Note:</p> <ul style="list-style-type: none"> <li>- Including anklet, arm cuff, bracelet, brooch, chain, crown, cuff link, decorated hair accessories, earring, necklace, pin and ring.</li> <li>- Both accessible and inaccessible materials should be tested.</li> <li>- For component test together with CPSIA, composite up to 3 colors / like materials (except metals) is allowed, transfer the CPSIA result here for compliance.</li> </ul> <p>Client requirement</p>			
A R	Total lead in jewelry	California Health and Safety Codes section 25214.2 / EPA 3050B (Mod) / EPA 3051A (Mod) / EPA 3052 (Mod) / CPSD-AN-00108-MTHD	1	<p>[Jewelry]          Product shall be made entirely from below listed materials.</p> <ul style="list-style-type: none"> <li>a. Stainless or surgical steels, karat gold; sterling silver; platinum group metals, pearl, glass, ceramic, crystal and certain gemstone (excluding aragonite, bayldonite, boleite, cerussite, crocoite, ekanite, linarite, mimetite, phosgenite, samarskite, vanadinite and wulfenite).</li> <li>b. Natural decorative materials (bone, feathers, leather, shell, wood, etc), elastic, fabric, ribbon, rope, and string with no intentionally added (less than 200 ppm) lead.</li> <li>c. Adhesives.</li> <li>d. Electroplated metal alloys with less than 0.05% (500 ppm) lead by weight.</li> <li>e. Unplated metal with less than 0.05% (500 ppm) total lead content. (Materials in section a are exempt).</li> <li>f. Plastic or rubber, including acrylic, polystyrene, plastic beads and stones, and polyvinyl chloride (PVC) containing less than 0.02 percent (200 parts per million) lead by weight.</li> <li>g. Dyes or surface coatings with less than 500 ppm (0.05%) total lead content.</li> <li>h. Any other material containing less than 500 ppm (0.05%) total lead content.</li> </ul>		



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**JEWELRY-COSTUME / SEMI-PRECIOUS (ADULT)**

	Evaluation	Citation / Method	No. of Samples	Criteria	Notes	Result	Rating
				<p>BVCPS recommend all products shall provide documentation or material bill for material identification.            Products must comply with the material and lead requirements.</p> <p>Note:            - Including anklet, arm cuff, bracelet, brooch, chain, crown, cuff link, hair accessories, earring, necklace, pin, ring, tie clip, ornamental watches, jewelry placed in the mouth that are NOT for first time body piercing or children's jewelry; detachable jewelry on clothing and footwear (such as charms).            - Actual testing would be conducted on accessible surface coatings and substrates.            - For component test together with CPSIA, composite up to 3 colors / like materials (except metals) is allowed, transfer the CPSIA result here for compliance.            - Effective date of legislation is Jun 1, 2020.</p>			
A R	Total lead in body piercing jewelry	California Health and Safety Codes section 25214.2 / EPA 3051A (Mod) / CPSD-AN-00108-MTHD	1	<p>[Body Piercing Jewelry]</p> <p>Product shall be made of one of the following materials.</p> <p>BVCPS recommend all products shall provide documentation or material bill for material identification.</p> <p>a. Surgical implant stainless steel            b. Surgical implant grades of titanium            c. Niobium (Nb)            d. Solid 14 karat or higher white or yellow nickel-free gold            e. Solid platinum            f. Dense low porosity plastic (e.g., Tygon or PTFE) with no intentionally added (less than 200 ppm) lead</p> <p>Products must comply with the material and lead requirements.</p> <p>Note:            - Only accessible materials should be tested.            - For component test together with CPSIA, composite up to 3 like materials is</p>			



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**JEWELRY-COSTUME / SEMI-PRECIOUS (ADULT)**

	Evaluation	Citation / Method	No. of Samples	Criteria	Notes	Result	Rating
				allowed, transfer the CPSIA result here for compliance. - Effective date of legislation is Jun 1, 2020.			
A	Phthalates in jewelry	Solvent extraction with GC-MS/LC-MS analysis / CPSD-AN-00095-MTHD / CPSD-AN-00143-MTHD	-	Product shall not contain more than 0.1% (1000 ppm) of each of DEHP, BBP, DBP.  Note: - Applicable to all accessible PVC, soft plastic, vinyl, and synthetic leather substrates on jewelries. - Refer to Total lead content in jewelry test line for definition of Jewelry. - Excluding products that are primarily intended for children 12 years of age and younger. - Soft plastic is defined as plastic materials with shore A hardness < 90. - The main plastic material of products that are marketed as vinyl will be tested. - BVCPS recommend all products shall provide documentation or material bill for material identification. If documentation is not provided the Beilstein test will be conducted on all hard plastic substrates to confirm the presence of PVC. - Vendor is responsible for compliance of all other vinyl materials.  Client requirement			
A	Cadmium and arsenic in Halloween décor, costume and its accessory	ASTM F963-17 Sec.8.3.1-8.3.5 / EPA 3051A (Mod) / EPA 3050B (Mod) / EPA 3052 (Mod) / CPSD-AN-00001-MTHD / CPSD-AN-00164-MTHD /	-	Product shall comply with the following requirements:  a. All accessible substrates and surface coatings shall not exceed 25 ppm soluble arsenic content. b. All mouthable substrates and surface coatings of products for children under 12 years old shall not exceed 300 ppm total cadmium content. c. All other accessible substrates and surface coatings (other than b) shall not exceed 75 ppm soluble cadmium content.			



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**JEWELRY-COSTUME / SEMI-PRECIOUS (ADULT)**

	Evaluation	Citation / Method	No. of Samples	Criteria	Notes	Result	Rating
		CPSD-AN-00066-MTHD / CPSD-AN-00003-MTHD		<p>Note:</p> <ul style="list-style-type: none"> <li>- Total heavy metal screening test can be firstly conducted for soluble arsenic and cadmium requirement (a) and (c). If the total heavy metal screening results fulfill the restricted limits of soluble HM requirement, no soluble heavy metals test is required.</li> <li>- Applicable to Halloween costumes, and accessories such as wigs, masks, gloves, footwear, belts, bags, hats, costume props, hosiery, weapons, and jewelry intended to accessorize a costume, but excluding makeup.</li> <li>- Applicable to Halloween indoor and outdoor home décor and games such as candy bowls, lawn, wall, door, table ornaments and lights, decorative spiders/webs, lighting, ghosts, witches, goblins, skeletons, bats, cats, and tombstones.</li> <li>- 'Mouthable' is defined as if any part of the product can actually be brought to the mouth and kept in the mouth by a child so that it can be sucked and chewed. If the children's product can only be licked, it is not regarded as able to be placed in the mouth. If a product or part of a product in one dimension is smaller than 5 centimeters, it can be placed in the mouth.</li> <li>- For component test together with ASTM F963 heavy metals requirements, transfer the result here for compliance.</li> </ul> <p>Client requirement.</p>			
A	Phthalates in Halloween décor, costume and its accessory	Solvent extraction with GC-MS/LC-MS analysis / CPSD-AN-00095-MTHD / CPSD-AN-00143-MTHD	-	<p>Product shall not contain more than 0.1% (1000 ppm) of DEHP, DBP, BBP each.</p> <p>Note:</p> <ul style="list-style-type: none"> <li>- Applicable to Halloween costumes, and accessories such as wigs, masks, gloves, footwear, belts, bags, hats, costume props, hosiery, weapons, and jewelry intended to accessorize a costume, but excluding makeup.</li> <li>- Applicable to Halloween indoor and outdoor home décor and games such as candy bowls, lawn, wall, door, table ornaments and lights, decorative spiders/webs, lighting, ghosts, witches, goblins, skeletons, bats, cats, and tombstones.</li> <li>- Actual testing would be conducted on all accessible plastic substrates (including natural and synthetic rubber), plasticizer print, scrapable surface coatings, decals, polymeric coated materials (unscrapable), adhesives and sealants (exclude adhesive for stickers).</li> <li>- Vendor is responsible for compliance of all other materials.</li> <li>- For component that must also meet CPSIA phthalates requirements,</li> </ul>			



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Evaluation	Citation / Method	No. of Samples	Criteria	Notes	Result	Rating
			<p>compositing up to 3 colors / like materials is allowed, transfer the CPSIA result here for compliance.</p> <p>Client requirement.</p>			
A Formaldehyde in Halloween décor, costume and its accessory	ISO 14184-1:2011 / CPSD-AN-00054-MTHD	-	<p>Product shall comply with the following requirements:</p> <p>a. All accessible fabric of products for children under 3 years old shall not exceed 20 ppm formaldehyde.</p> <p>b. All accessible fabric of products (other than a) shall not exceed 75 ppm formaldehyde.</p> <p>Note:</p> <ul style="list-style-type: none"> <li>- Applicable to Halloween costumes, and accessories such as wigs, masks, gloves, footwear, belts, bags, hats, costume props, hosiery, weapons, and jewelry intended to accessorize a costume.</li> <li>- Applicable to Halloween indoor and outdoor home décor and games such as candy bowls, lawn, wall, door, table ornaments and lights, decorative spiders/webs, lighting, ghosts, witches, goblins, skeletons, bats, cats, and tombstones.</li> <li>- Fabrics includes all accessible synthetic and natural fabrics or textiles.</li> </ul> <p>Client requirement.</p>			
A Total Lead in Halloween décor, costume and its accessory	EPA 3050B (Mod)/EPA 3051A (Mod)/EPA 3052 (Mod) / CPSD-AN-00001-MTHD / CPSD-AN-00066-MTHD / CPSD-AN-00164-MTHD	-	<p>All accessible components shall comply with the following requirements:</p> <p>a. Paints and surface coatings shall not exceed 90 ppm total lead content.</p> <p>b. Substrates of products for children under 12 years old shall not exceed 100 ppm total lead content.</p> <p>c. Substrates (other than b) shall not exceed 300 ppm total lead content.</p> <p>Note:</p>			



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Evaluation	Citation / Method	No. of Samples	Criteria	Notes	Result	Rating
			<ul style="list-style-type: none"> <li>- Applicable to Halloween costumes, and accessories such as wigs, masks, gloves, footwear, belts, bags, hats, costume props, hosiery, weapons, and jewelry intended to accessorize a costume, but excluding makeup</li> <li>- Applicable to Halloween indoor and outdoor home décor and games such as candy bowls, lawn, wall, door, table ornaments and lights, decorative spiders/webs, lighting, ghosts, witches, goblins, skeletons, bats, cats, and tombstones</li> <li>- For component that must also meet CPSIA requirements, compositing up to 3 colors / like materials (except metals) is allowed, transfer the CPSIA result here for compliance</li> <li>- 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.</li> </ul> <p>Client requirement</p>			
Nickel spot test on metal	CEN/TR 12471:2022	1	<p>Shall show negative test result for finished metallic components on products that come into direct and prolonged contact with skin.</p> <p>Client requirement</p>			
<b>PHYSICAL MECHANICAL AND ELECTRICAL HAZARD</b>						
A R Magnets	16 CFR 1262		<p>Each loose or separable magnet in a subject magnet product that fits entirely within the cylinder described in 16 CFR 1501.4 must have a flux index of less than 50 kG2 mm2 when tested in accordance with the method described in the regulation.</p> <p>"Subject magnet product" means a consumer product that is designed, marketed, or intended to be used for entertainment, jewelry (including children's jewelry), mental stimulation, stress relief, or a combination of these purposes, and that contains one or more loose or separable magnets, but does not include products sold and/or distributed solely to school educators, researchers, professionals, and/or commercial or industrial users exclusively for educational, research, professional, commercial, and/or industrial purposes.</p> <p>Exemption: Toys that are subject to 16 CFR part 1250.</p>			



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 JEWELRY-COSTUME / SEMI-PRECIOUS (ADULT)**

Evaluation	Citation / Method	No. of Samples	Criteria	Notes	Result	Rating
<b>WORKMANSHIP</b>						
Sharp point and sharp edge	16 CFR 1500.48 & 49 (Mod)	All	Shall have no sharp points / edges, other than those required for function. Modification: Expanded scope to other products.			
Defects and workmanship	CPSD-GB-01057-MTHD	All	Shall have no discernible surface degradation, including crazing, shivering, denting, bubbles, cracks, stains, deformations, chips, fractures, heavy lines, waves, shear marks, scratches, scuff marks, indentations, or blisters. Shall have no components missing, malformed, and/or fractured.			
<b>PERFORMANCE</b>						
Actual use - functionality	CPSD-GB-01058-MTHD	All	Shall function as intended as received. Report details of evaluation (features tested / methods used / materials used / etc.) Report any features not evaluated.			
Mechanical strength	CPSD-HL-02022-MTHD	1	[Earring] [Post backing]  Minimum 100 g pull strength.			
Mechanical strength	CPSD-HL-02022-MTHD	1	[Chain strength]  5 lb minimum.			
Mechanical strength	CPSD-HL-02022-MTHD	1	[Setting strength] [Such as Jewel / Gem / Stone]  3 lb minimum.			
Mechanical strength	CPSD-HL-02022-MTHD	1	[Drop]  No liberation of any component in 3 drops on vinyl clad concrete floor from 3ft. height.			
Mechanical strength	CPSD-HL-02022-MTHD	1	[Earring hook bend]  The tensile force required to bend the hook of the earring shall be between 2.0 to 5.0 pounds.			
Mechanical strength	CPSD-HL-02022-MTHD	1	[Compression test]			





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Evaluation	Citation / Method	No. of Samples	Criteria	Notes	Result	Rating
			No breakage at 10 lb compression.			
Durability	CPSD-GB-01058-MTHD	2	[Clasping - brooch]  Adequate for use / no failure after repeated use (100 times cycling; open / close).			
Durability	CPSD-GB-01058-MTHD	1	[Brooch]  Should not fail to function after 100 uses.			
Fit properties	CPSD-GB-01058-MTHD	1	[Earring]  Proper post length and backing in fitting.			
<b>COLORFASTNESS</b>						
Colorfastness to perspiration	AATCC 15-21e	1	[All Colors] Color Change: Grade 4.0 Minimum Staining: Grade 3.0 Minimum			
Colorfastness to rotary crocking	AATCC 116-18	2	[All colors]  Dry: Grade 4.0 minimum Wet: Grade 3.0 minimum			

No. Of Samples Required for Complete Testing	6	
No. Of (Fully Packed) Cartons For Transit Testing:	1	(Only Upon Dillard's Request)
No. Of Working Days For Complete Testing:	5	

Client Approval:	Lucy Feng
	13/May/2023
Creation Date:	08/Mar/2002
Last Revision Date:	13/May/2023
Pricing Review Date	



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Technical Review Date:	13/Feb/2015
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**Key**

A Additional Charge For This Test  
M Mandatory  
R Regulatory

**Result Key**

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

**Rating Key**

PASS Pass  
FAIL Fail  
NR Not Requested