Protocol # 314-7

Bra Underwires

PERFORMANCE	TEST METHOD	REQUIREMENT
INITIAL PACKAGE / FULL PACKAGE		
Analytical- REQUIRED WHERE APPLICABLE AT ADDITIONAL COST		
Corrosion Resistance	Kohl's TM-6 Option A	No corrosive oxidatin or discoloration
Nickel Content	Kohl's TM - 18	Negative
Formaldehyde - Adults & children over 5T	Kohls TM-5 JIS L 1041:2011- Sec. 8.1.3 & 8.1.4 Method A or B	Negative, If Spot Test is Positive/ inconclusive, proceed with step 2 Children over 5T & Adults = 75 ppm max.
Formaldehyde - Children's 0-5T	JIS L 1041:2011- Sec. 8.1.3 & 8.1.4 Method A or B	Children 0-5T = 20 ppm max.
Strength & Durability		
Wire Extension	Kohl's TM - 25	Report Maximum load in pounds and % recovery
TOXICOLOGY TESTING – REQUIRED WHERE APPLICABLE AT ADDITIONAL COST		
Lead Content in Surface Coating - Scrapeable in each color*	CPSC-CH-E1003-09.1	Children & Adult Products ≤ 90ppm (0.009% by weight) Refer to Kohl's Product Safety Policy for additional requirement on Composite Testing
Total Lead in Substrate Material*	CPSC-CH-E1002-08.1/ CPSC-CH-E1001-08.1	Children's of ALL ages & Adult products ≤90 ppm (0.009% total weight) Refer to Kohl's Product Safety Policy for additional requirement on Composite Testing
Phthalates in each plasticized part/material such as PVC, Vinyl*	CPSC-CH-C1001.09.3	Children's of ALL ages & Adult products ≤90 ppm (0.009% total weight in each part of DEHP, DBP, BBP, DIDP, DINP, DnHP, DNOP, DIBP, DnPP, or DCHP) Refer to Kohl's Product Safety Policy for additional requirement on Composite Testing
Soluble Heavy Metals* Applies to Children's Toys	ASTM F 963-17	Children's Toys = Defined as a consumer product designed or intended by the manufacturer for a child, for use by the child when the child plays. Required for children's toys of ALL ages Mercury – 60 ppm Barium – 1000 ppm Antimony – 60 ppm Cadmium – 75 ppm Arsenic – 25 ppm Chromium – 60 ppm Selenium – 500 ppm Lead – 90 ppm

(*) asterisk= ALL COLORWAYS MUST BE TESTED
*****ALL COMPONENTS MUST BE TESTED FOR TOXICOLOGY*****

Please consult lab for number of samples needed for testing.
Pricing: Please refer to Kohl's preferred third party labs for individual and optional testing pricing.

PROTOCOL VERSION	DESCRIPTION OF CHANGE	DATE REVISION / APPROVED BY
314-1	1) Protocol Created	March 2013/Devon Engel
314-2	1) Heavy Metals - updated test method to ASTM F963-11.	May 2013/Vinoth Deenadayalan
314-3	1) Removed pricing for testing/took out Intertek/added approved lab statement	October 6th 2014/Nov. 31 2014/Leah Gross-Hutchison
314-4	1) Added Formaldehyde Testing	December 4th 2014/Michelle Zydek
314-5	1) Updated Wire Fatigue test method 2) Updated formaldehyde testing to be up to 5T for children and most current 3) Updated Soluble Heavy Metals Test to be most current	February 2019/Charlene Swanson
314-6	1) Removed wire fatigue testing	March 2019/Charlene Swanson
314-7	1) Updated Total Lead in Substrate requirement to be 90 ppm instead of 100 ppm, per labs advisement	January 2025/Isaac Grossman