


**PROTOCOL # 810-O**

**PLASTIC UTENSILS AND CUTLERY**

Performance Test	Test Method	Samples	Test Principle/Requirements	Rating (Section or exec. Summary which failed items can be referenced)
<b>*THE USE OF METALLIC IS PROHIBITED IN FOODWARE / DRINKWARE ITEMS*</b>				
<b>LABELING</b>				
Labeling / Packaging Review	FPLA 16 CFR 500 & 19 CFR 134	All Samples	Shall be legibly marked with the following information: -Distributor's name, trademark or other means of identification of the manufacturer or packer & address (City, State & Zip) -Product identification -Net quantity of the contents in terms of weight, measure or numerical count (Metric & US Standard) or a combination so as to give accurate information and facilitate value comparison by the consumer (if applicable) -Country of origin (if imported)	
Verify Label Claims	Visual Check/ Performance Claims	All Samples	The labeling must be valid and comply with all claims.	Claim: Actual:
BPA Free Label	Visual Check	All Samples	Must be conspicuously labeled as "BPA Free"  <b>Containers designed to be filled with food or liquid for children under the age of 3</b>	
Adult Tracking Label **If space limitations exist, contact Kohl's Quality Assurance & Product Integrity teams to discuss minimum required information (quality.assurance@kohls.com)	Kohl's Requirement	All Samples	Can be included on packaging when necessary: Kohl's Assigned Factory Number Manufacture Date (Month/Year) UPC #	

Chemical Disclosure / Labeling in Cookware	CA AB-1200 article 2 (mod) / CO HB-22 1345 sec. 25-15-604 (2)a-f (mod)/ Visual	All Samples	<p>Cookware chemical disclosure labeling provided for CA AB-1200 and/or CO HB-22-1345 compliance pertaining to handles or any surface that comes into contact with food, foodstuff, or beverages shall meet the following:</p> <p>1) List of chemicals is introduced by the phrase ""The product contains:""</p> <p>2) List of chemicals is followed by the phrase ""For more information about chemicals in this product, visit: / Para obtener más información sobre las sustancias químicas de este producto, visite: ""www.kohls.com/chemicaldisclosure"" and QR code which leads to that web address</p> <p>3) Lab must verify that all disclosed chemicals are present on the Kohl's TRF</p> <p>4) Labeling must be incorporated into retail packaging or printed on a sticker / hangtag which is affixed to retail packaging or the product. Fold out ""butterfly"" labels are acceptable. Printing on the inside of retail packaging or an information insert are not acceptable formats</p> <p>See example below:</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p><b>This Product Contains:</b> (Este producto contiene:) Chemical 1, Chemical 2, Chemical 3, Chemical 4, etc.</p> <p>For more information about chemicals in this product, visit: (Para obtener más información sobre las sustancias químicas de este producto, visite:) <a href="https://cs.kohls.com/app/answers/detail/a_id/4243?cid=ISMQR246&amp;utm_medium=ISM">https://cs.kohls.com/app/answers/detail/a_id/4243?cid=ISMQR246&amp;utm_medium=ISM</a></p>  </div>		
<b>PHYSICAL CHARACTERISTICS</b>					
Count	FPLA/ UPLR	3 Samples	As claimed/ measured (+3% / -0%)	Claim: Actual:	
Dimensions	FPLA/ UPLR	3 Samples	As claimed/ measured (+3% / -0%)	Claim: Actual:	
<b>CONSTRUCTION QUALITIES</b>					
Kohl's Workmanship Review	Visual Check / Actual Use	1 Sample	<p>All components shall be provided as claimed and shall not be deformed or fractured.</p> <p>All hardware shall be provided</p> <p>All welds shall be smoothly finished and free from pits and splatter</p> <p>All components shall not contain any burrs or sharp edges (test by touch or sight)</p> <p>Product shall not contain any loose components or unsecured fastening where rigidity is required</p>		
<b>PERFORMANCE</b>					
Effects of Handwashing	Kohl's TM 32	3 Samples	No color change and no adverse effects - Hand wash with detergent for below defined cycles.		
			Tier 1	5 cycles	
			Tier 2	10 cycles	
Dishwasher Safe (If Claimed)	Kohl's TM 57	3 Samples	Dishwasher / detergent below defined cycles - no color change or adverse effects. Report if label is not durably marked.		
			Tier 1	5 cycles	
			Tier 2	10 cycles	
Effects Of Extreme Temperature	Kohl's TM 30	3 Samples	Tier 1	24 Hours @ 30° F (1.1°C)	
			Tier 2	24 Hours @ 0° F (-18°C)	
Stain Resistance	Actual Use	3 Samples	No objectionable stain after below timing placement: - Ketchup, mustard & cooking oil - Red wine, grape juice & coffee		
			Tier 1	30 minutes	
			Tier 2	2 hours	
Gadget Handle Hest Resistance Test	Kohl's TM 28	2 Samples	Sample must not separate; pull apart or otherwise change from its original configuration. Pulling force listed as below :		

			Tier 1	5 lbs
			Tier 2	10 lbs
			Pass Result occurs when samples from the same lot, meet the requirement of each tests individually. I.e. Sample 1 passes Test 1 and sample 2 passes Test 2.	
Deflection for Dual Handled Utensils	Kohl's TM 29	1 Sample	Sample must not be damage; pull apart or otherwise permanent change from its original configuration. Handle must not deflect more than 10% when 5 lbs of force is applied.	
Blade Cutting Performance (If Applicable)	Actual Use	1 Sample	Shall provide clean cut without binding, drag, or pull.	
Heat Resistance (Applicable to item used in cooking or in contact with hot food)	Temperature	1 Sample	No adverse effects with below defined timing at 212 ° F (100° C) in a convection over.  (If there is a heat-resistant temperature, test sample at this temperature)  Tier 1 - 30 minutes Tier 2 - 1 hour	
<b>ANALYTICAL</b>				
*Lead In Scrapable Surface Coating	ASTM E1613/E1645	1 Sample	≤90 ppm (0.009% by weight). (CPSA - 16 CFR 1303)	
*Toxicology (Plastics and polymeric coating)	21 CFR 175/177	1 Sample	Must comply with applicable requirements of FDA	
*Bisphenol A (BPA) Content  Scope: 1) Reusable food or beverage containers (ie, food contact), including lid, cup, etc). 2) Sports bottles	Solvent extraction and analysis by LC/MS  Various US State Laws (CT, WA, NY, DE, IL, MA, MD, ME, MN, NV, VT, WI, the District of Columbia, Chicago City)	All Samples & All Colorways	<b>Shall not contain any detectable level of Bisphenol A</b>  Remark: Actual testing shall be done on all accessible plasticized material including coatings and plastic.  Exempt Materials: Glass, Metal, Wood, Textiles.  Plastic layer or coating on exempt material shall need to be tested. Vendor shall be responsible for compliance of other materials.	
PFAS Supplemental Protocol (1600)	Refer to Protocol 1600	All Samples	All samples shall be reviewed against the requirements of PFAS Supplement Protocol to determine if additional testing or labeling is required	
GRAS in Non-metal Material (If Applicable) (Wheat Fiber)	21 CFR 170-189 FDA Generally Recognized as Safe (GRAS) Guidelines	All Samples	- Non-metal material intended to come into contact with food shall meet FDA GRAS requirement. All additives in that material, such as glue shall also meet FDA GRAS requirement.  - Client shall provide the documentation with material bill or composition for material identification.  <b>- In lieu of testing, a valid 3rd party test report to this packaging requirement has to be provided. (Document is valid for 1 year.)</b>	
Food Contact Supplemental Protocol (State Regulations Only)	Refer to Protocol 1800	All Samples	All samples shall be reviewed against the requirements of Food Contact Supplemental Protocol (State Regulation Only) to determine if additional testing or labeling is required	

**PRICING AND ADDITIONAL NOTE:**

**\*Please refer to Kohl's preferred third party labs for individual pricing and sample size.**

**\*In addition to this protocol, any products designed for, intended for or appealing primarily to children, requires additional testing per Kohl's Testing Protocol # 601**

PROTOCOL VERSION	DESCRIPTION OF CHANGE	Revised By	Approved By
810-0	Initial Release	CY Chan Feb 10, 2004	Roger Mayerson Mar 08, 2004
810 – 1	Added Capacity, Effects of Handwashing & Extreme Temperature Tests. Price Adjustment.	Simon Leung Oct. 31, 2008	Ro Jain Oct. 31, 2008
810-A	Changed protocol number from 810-1 to 810-A. Changed lead in surface coating to 90ppm from 600ppm, price adjustment	Elizabeth Armstrong Oct. 31, 2009	Ro Jain Oct. 31, 2009
810-B	Added BPA Testing	Elizabeth Armstrong November 11, 2010	Ro Jain November 11, 2010
810-C	Added Dimension Requirement	Elaine Smaczniak Sep 18, 2012	Ro Jain Oct 4, 2012
810-D	Updated dishwasher safe test Added Gadget Handle Heat Resistance and Deflection for Dual Handled Test	John Wong June 02, 2013	Rufus Moberly Jul 23, 2013
810-E	Differentiate the performance rating to Tier 1/Tier 2/Tier 3 Updated the package price & working days	Jeetendra Shelatkar Oct 4, 2013	Ro Jain Dec 16, 2013
810-F	Updated lead content pricing	Candy Chan Jul 30, 2014	Jeetendra Shelatkar Aug 4, 2014
810-G	Renamed all in-house methods	Birkoff Chen Sep. 4, 2014	Elaine Smaczniak October 30, 2014
810-H	Updated BPA testing to test all accessible components if BPA Free is claimed	Elizabeth Armstrong July 30, 2015	Elizabeth Armstrong July 30, 2015
810-I	Updated the test method of Dishwasher safe to Kohl's TM 57 Toxicology (Plastics and polymeric coating) and BPA Content	Gigi Au May 20, 2016	Elizabeth Armstrong May 23, 2016
810-J	Added adult tracking label	Elizabeth Armstrong June 24, 2020	Elizabeth Armstrong June 24, 2020
810-K	Added PFAS and updated Tiering	Jackie Deppisch March 2022	Jackie Deppisch March 2022
810-L	Added test method Blade cutting performance, Heat resistance and GRAS in Non-metal Material (wheat fiber).	Violet Nelson June 6, 2022	Violet Nelson June 6, 2022
810-M	Updated BPA Free Label testing, BPA testing, email for adult tracking labels, added metallic disclaimer	Charlene Swanson October 2023	Charlene Swanson October 2023
810-N	1) Added Chemical Disclosure / Labeling in Cookware test line	Violet Nelson Dec 2023	Violet Nelson Dec 2023
810-O	1) Added new Food Contact Supplemental protocol (1800) requirements	Kevin Makocy Sept 2024	Kevin Makocy Sept 2024