PROTOCOL # 808-S Insulated Bag				
Performance Test	**Test Method**	**Samples**	**Test Principle/Requirements**	**Rating (Section or exec. Summary which failed items can be referenced)**
LABELING				
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" **Containers designed to be filled with food or liquid for children under the age of 3**	
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	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: 1) List of chemicals is introduced by the phrase ""The product contains:"" 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 3) Lab must verify that all disclosed chemicals are present on the Kohl's TRF 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 See example below:  **This Product Contains:** (Este producto contiene:) Chemical 1, Chemical 2, Chemical 3, Chemical 4, etc. For more information about chemicals in this product, visit: (Para obtener más información sobre las sustancias químicas de este producto, visite:) https://cs.kohls.com/app/answers/detail/a_id/4243?cid=ISMQR246&utm_medium=ISM	
PHYSICAL CHARACTERISTICS				
Capacity (fl. oz. / mL)	FPLA/ UPLR	3 Samples	As claimed/ measured (+3% / -0%)	Claim: Actual:
Dimensions	FPLA/ UPLR	3 Samples	As claimed/ measured (+3% / -0%)	Claim: Actual:
CONSTRUCTION QUALITIES				

Kohl's Workmanship Review	Visual Check / Actual Use	1 Sample	All components shall be provided as claimed and shall not be deformed or fractured. All hardware shall be provided All welds shall be smoothly finished and free from pits and splatter All components shall not contain any burrs or sharp edges (test by touch or sight) Product shall not contain any loose components or unsecured fastening where rigidity is required		
PERFORMANCE					
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	
Strength Properties:					
Side Seam	ASTM D1683	2 Samples	Tier 1	20 lbs/In min	
			Tier 2	25 lbs/In min	
Bottom Seam	ASTM D1683	2 Samples	Tier 1	20 lbs/In min	
			Tier 2	25 lbs/In min	
Zipper Seam	ASTM D1683	2 Samples	Tier 1	20 lbs/In min	
			Tier 2	25 lbs/In min	
Handle Strength @ 45Degree Pull	ASTM D1683	2 Samples	Tier 1	20 lbs/In min	
			Tier 2	25 lbs/In min	
Handle Strength	ASTM D1683	2 Samples	Tier 1	20 lbs/In min	
			Tier 2	25 lbs/In min	
Reinforced Stress Points	ASTM D1683	2 Samples	Tier 1	20 lbs/In min	
			Tier 2	25 lbs/In min	
Tensile Strength (Length / Width)	ASTM D5034	2 Samples	Tier 1	20 lbs/In min	
			Tier 2	25 lbs/In min	
Snaps:					
Attachment Strength	16 CFR 1500	All Samples	Tier 1	No failure at 10 lbs. for 10 seconds	
			Tier 2	No failure at 15 lbs. for 10 seconds	
Snapping/Unsnapping Force	ASTM D4846 Mod	2 Samples	Min: 2 lbs Max: 8 lbs		
Buttons:					
Attachment Strength	Loading Test	All Samples	Withstands 15 lbs for below defined seconds		
			Tier 1	10 seconds	
			Tier 2	15 seconds	
Impact Resistance	Impact	All Samples	No fractures of button		
Zipper Performance:					
Operability (Open / Closed)	ASTM D2062	1 Sample	Max. 5 lbs. (min.)		
Cross Widthwise Strength	ASTM D2061	2 Samples	50 lbs. (min.)		
Scoop Pull	ASTM D2061	1 Sample	10 lbs. (min.)		
Top Stop	ASTM D2061	1 Sample	20 lbs. (min.)		
Bottom Stop	ASTM D2061	1 Sample	20 lbs. (min.)		
Slider Torque	ASTM D2061	1 Sample	2 in. / lb. (min.)		
Slider Pull	ASTM D2061	1 Sample	5 lbs. (min.)		
Stain Resistance	Actual Use	1 Sample	Tier 1	1 hour	
			Tier 2	2 hours	
Leakage Test (only if claimed)	Actual Use	1 Sample	The exterior of the sample shall not contain any presence of water after the sample has been fully filled with water for 1 hour.		
Puncture Strength	Actual Use	1 Sample	Tier 1	Min 20 lbs	
			Tier 2	Min 25 lbs	
Jerk Test – Handle/ Strap	Actual Use	1 Sample	Load the bag with 0.5kg of sand for every litre of capacity. The loaded bag shall sustain 4" jerk for 10 cycles without structural damage.		

Insulation Effectiveness (Air Temperature - With 5 lbs. Ice) **If intended to be used with ice or to be cooled**	Std Measure	1 Sample	% Of change from original (original reading taken 30 minutes after adding ice) **Tier 1 :** Max. 10% change from original after 4 hrs. Max. 20% change from original after 10 hrs. **Tier 2 :** Max. 10% change from original after 6 hrs. Max. 20% change from original after 16 hrs.		
Insulation Effectiveness (Air Temperature - With ice to 50% of the Insulated Bag/Insulated Box's usable internal capacity) **If intended to be used with ice or to be cooled** *For smaller insulated bags / lunchboxes*	Std Measure	1 Sample	% Of change from original (original reading taken 30 minutes after adding ice) **Tier 1 :** Max. 10% change from original after 4 hrs. Max. 20% change from original after 10 hrs. **Tier 2 :** Max. 10% change from original after 6 hrs. Max. 20% change from original after 16 hrs.		
Insulation Effectiveness (Air Temperature – with Hot Item @175°F) **If intended to be used with hot item	Std Measure	1 Sample	% of change from original (original taken 30 min after placing hot item) **Tier 1:** Max. 10% change from original after 4 hrs. **Tier 2 :** Max. 10% change from original after 6 hrs.		
Insulation Performance – Intended to insulate from cold	Kohl's TM 145	1 Sample	The exterior surface temperature shall not be above 68degree F during 30 minutes testing		
Insulation Performance - Intended to insulate from Hot	Kohl's TM 145	1 Sample	The exterior surface temperature shall not go below 86degree F during 30 minutes testing.		
Colorfastness (On External Fabric Only)					
Light (For Outdoor Use Only)	AATCC 16E	1 Sample	Tier 1	3.0	
			Tier 2	3.5	
Dry Crocking	AATCC 8/116	1 Sample	Tier 1	3.5	
			Tier 2	4.0	
Wet Crocking	AATCC 8/116	1 Sample	Tier 1	2.5	
			Tier 2	3.0	
ANALYTICAL					
*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	**Shall not contain any detectable level of Bisphenol A** 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		
Refer to protocol Hardlines Regulatory Supplement for additional State & Federal Regulations	Refer to Protocol 1800	All Samples	All samples shall be reviewed against the requirements of the Hardlines Regulatory Supplemental Protocol (State Regulation Only) to determine if additional testing or labeling is required		
In addition to this protocol, any product designed for, intended for or appealing primarily to children, requires additional testing per Kohl's Testing Protocol #601.					
PRICING AND ADDITIONAL NOTE: ***Please refer to Kohl's preferred third party labs for individual pricing and sample size.**					

PROTOCOL VERSION	DESCRIPTION OF CHANGE	Revised By	Approved By
808-0	Initial Release	CY Chan Feb 10, 2004	Roger Mayerson Mar 08, 2004
808 – 1	Delete Static wetting and Update Light Fading	Simon Leung June 21, 2004	Roger Mayerson July 01, 2004
808 – 2	Added Capacity Test. Price Adjustment.	Simon Leung Oct. 31, 2008	Ro Jain Oct. 31, 2008
808-A	Changed protocol number from 808-2 to 808-A. Changed lead in surface coating to 90ppm from 600ppm, price adjustment	Elizabeth Armstrong April 1, 2010	Ro Jain April 1, 2010
808-B	Added BPA Testing	Elizabeth Armstrong November 11, 2010	Ro Jain November 11, 2010
808-C	Added Dimension Requirement	Elaine Smaczniak Sep 18, 2012	Ro Jain Oct 4, 2012
808-D	Differentiate the performance rating to Tier 1/Tier 2/Tier 3 Updated the package price	Jeetendra Shelatkar Oct 4, 2013	Ro Jain Dec 16, 2013
808-E	Updated lead content test pricing	Candy Chan Jul 30, 2014	Jeetendra Shelatkar Aug 4, 2014
808-F	Renamed in-house methods	Birkoff Chen Sep. 4, 2014	Elaine Smaczniak October 30,2014
808-G	Updated BPA testing to test all accessible components if BPA Free is claimed	Elizabeth Armstrong July 30, 2015	Elizabeth Armstrong July 30, 2015
808-H	Updated Toxicology (Plastics and polymeric coating) and BPA Content	Gigi Au May 20, 2016	Elizabeth Armstrong May 23, 2016
808-I	Added Insulation Performance – Intended to insulate from Cold and hot and made insulated effectiveness if claimed for ice storage only	Elizabeth Armstrong Aug 22, 2016	Elizabeth Armstrong Aug 22, 2016
808-J	Updated the insulation test to have correct requirement wording	Elizabeth Armstrong Oct 14, 2016	Elizabeth Armstrong Oct 14, 2016
808-K	Added Jerk Test for handle	Cindy Ng Nov 16, 2017	Elizabeth Armstrong Nov 20, 2017
808-L	Added Insulation test line for hot items for protocol to cover both hot and cold items	Elizabeth Armstrong Jan 29, 2018	Elizabeth Armstrong Jan 29, 2018
808-M	Added adult tracking label	Elizabeth Armstrong June 24, 2020	Elizabeth Armstrong June 24, 2020
808-N	Added PFAS & Tier Updates	Jackie Deppisch/ March 2022	Jackie Deppisch/ March 2022
808-O	Updated BPA Free Label testing, BPA testing, and email for adult tracking label	Charlene Swanson / October 2023	Charlene Swanson / October 2023
808-P	1) Added Chemical Disclosure / Labeling in Cookware test line	Violet Nelson / Dec 2023	Violet Nelson / Dec 2023
808-Q	1) Added new Food Contact Supplemental protocol (1800) requirements 2) Added disclaimer for any kids products that child appeal testing is required 3) Added "only if claimed" on leakage test requirements	Jackie Deppisch / September 2024	
808-R	Updated 1800 Hardlines Regulatory Supplement for additional State & Federal Regulations	Isaac Grossman/February 2025	
808-S	Added Insulation Effectiveness for lunchboxes	Charlene Swanson / Novemeber 2026	