


PROTOCOL # 821-Q

ICE BUCKET

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 #	
Capacity (If Applicable)	FPLA/ UPLR	3 Samples	Max. +3% / -0% of claimed capacity. For measuring cups or spoons only: Max. -0%/+5% of claimed capacity. Record actual data if there is no claim.	Claim: Actual:
Dimensions	FPLA/ UPLR	3 Samples	As claimed/ measured (+3% / -0%)	Claim: Actual:

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; width: fit-content;"> <p>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</p>  </div>
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CONSTRUCTION QUALITIES

Kohl's Workmanship Review	Visual Check / Actual Use	1 Sample	<ul style="list-style-type: none"> - 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
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PERFORMANCE

Lid Fitting	Std. Measure	1 Sample	<p>Lid shall fit securely without excessive looseness</p> <p>Tier 1: Max .2inch</p> <p>Tier 2: Max .1inch</p>
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***Handle Strength & Durability (If Applicable)**

Handle Strength – Static	Kohl's TM 34	1 Sample	<p>No failure or adverse effect with below static load</p> <p>Tier 1: 5lbs</p> <p>Tier 2: 15lbs</p>
Handle Strength – Impact	Kohl's TM 35	1 Sample	<p>No failure or adverse effect with below min. impact force</p> <p>Tier 1: 2.5oz</p> <p>Tier 3: 3.5oz</p>
Handle Durability	Actual Use	1 Sample	<p>No failure. With below defined cycles</p> <p>Tier 1: 75 Cycles</p> <p>Tier 2: 150 Cycles</p>
Effects Of Handwashing	Kohl's TM 32	1 Sample	<p>No color change and no adverse effects – Hand wash with detergent for below defined cycles.</p> <p>Tier 1: 5 Cycles</p> <p>Tier 2: 15 Cycles</p>
Resistance To Water Leakage	Kohl's TM 39	1 Sample	<p>Fill product with water to 2/3 full capacity. No leakage after below defined hours.</p> <p>Tier 1: 24Hours</p> <p>Tier 2: 48 Hours</p>

Thermal Retention - Cold	With Reference to EN 12546-1	1 Samples	Fill sample with water at 5°C. Start recording the temperature and measure the temperature every 15 minutes until it rises to 15°C. Report the initial and final temperature as well as capacity of the sample. Include the data generated over the time duration in the report. The time elapsed from 5°C to 15°C shall be as below. Tier 1: 3 Hours Tier 2: 8 Hours	
ANALYTICAL				
*Lead In Scrapable Surface Coating	ASTM E1613/ 1645	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	
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	
METAL PERFORMANCE				
*Cross Cut Adhesion (if applicable)	ASTM D3359 Method B	1 Sample	A lattice pattern with six cuts in each direction is made in the film to the substrate, pressure- sensitive tape is applied over the lattice and then removed. Client's Requirement: Tier 1: 3B; Tier 2: 5B	
ANALYTICAL				
*Lead In Scrapable Surface Coating	ASTM E1613/ 1645	1 Sample	≤90 ppm (0.009% by weight) (CPSA - 16 CFR 1303)	
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	
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	
STAINLESS STEEL (IF CLAIMED & FOOD CONTACT ONLY)				
Claimed Chromium Content < 16%				
* Stainless Steel Composition (Applicable To Food Contact Surfaces Only)	Acid Digestion / ICP / ASTM E1019	1 Sample	Stainless steel composition (Carbon, Manganese, Phosphorus, Sulfur, Silicon, Chromium, Nickel, Nitrogen, Molybdenum) test is to be conducted.	

* Stainless Steel - Resistance To Corrosion (Applicable if result of composition test does not meet the claimed specification)	ASTM B117 (Mod.)	1 Sample	Shall withstand 48 Hours in 1% Salt Spray (Fog) with no major visual change, pitting or corrosion. Modification = % of salt spray	
Claimed Chromium Content ≥ 16%				
*FDA – GRAS Stainless Steel (Applicable To Food Contact Surfaces Only)	Acid Digestion / ICP / ASTM E1019	1 Sample	Shall meet Stainless Steel Claim (Chromium and Nickel content) AND Minimum of 16% Chromium to be considered FDA GRAS.	
GRAS evaluation	FDA Generally Recognized as Safe (GRAS) Guidelines/FDA Opinion / ASTM E1086-14 / ASTM E415-17 / CPSD-GB-00003-MTHD / CPSD-AN-00295-MTHD	1 Sample	Metal intended to come into contact with food shall meet FDA GRAS requirement. Metal composition is conducted and evaluated if it is GRAS. Must meet 16% Chromium, if not conduct stainless steel - resistance to corrosion testing	
* Stainless Steel - Resistance To Corrosion (Applicable if product does not comply GRAS test)	ASTM B117 (Mod.)	1 Sample	Shall withstand 48 Hours in 1% Salt Spray (Fog) with no major visual change, pitting or corrosion. Modification = % of salt spray	

OTHER METAL (FOOD CONTACT ONLY)

* Leachable lead (Applicable to food contact metal only)	ASTM C738 / AOAC methods 973.32 and 973.82	1 Sample	With reference to CPG Sec. 545.500 (CPG 7117.05) Lead: ≤ 7.0 µg/mL, average of 6 units (product intended for adult) ≤ 0.5 µg/mL, all 6 units (product intended for infants and children)	
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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 appeal primarily to children, requires additional testing per Kohl's Testing Protocol #601.

PROTOCOL VERSION	DESCRIPTION OF CHANGE	Revised By	Approved By
214 – 0	Initial Release	CY Chan Feb 10, 2004	Roger Mayerson Mar 08, 2004
214 – 1	Delete FDA and Prop 65 tests.	Simon Leung June 21, 2004	Roger Mayerson July 01, 2004
214 – 2	Revise Handle Strength - Impact	Simon Leung Aug 20, 2005	Ro Jain Aug 25, 2005
214 – 3	Added Lid Fitting, Affects of Handwashing, Water Leakage & Cross Cut Adhesion Tests. Price Adjustment	Simon Leung Jun 08, 2009	Ro Jain Jun 15, 2009
821-A	Changed protocol number from 214-3 to 821-A. Changed lead in surface coating to 90ppm from 600ppm, price adjustment	Elizabeth Armstrong April 1, 2010	Ro Jain April 1, 2010
821-B	Added BPA Testing	Elizabeth Armstrong November 11, 2010	Ro Jain November 11, 2010
821-C	Added FDA-GRAS Stainless Steel requirement	Elaine Smaczniak Sep 18, 2012	Ro Jain Oct 4, 2012
821-D	FDA – GRAS Stainless Steel Test Updated	John Wong Dec 21, 2012	Rufus Moberly Jan 29, 2013
821-E	FDA – GRAS Stainless Steel Test Updated Added Corrosion Test.	John Wong Jul 18, 2013	Rufus Moberly Jul 23, 2013
821-F	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
821-G	Updated lead and corrosion to resistance tests pricing	Candy Chan Jul 30, 2014	Jeetendra Shelatkar Aug. 4, 2014
821-H	Renamed all in-house methods	Birkoff Chen Sep. 4, 2014	Elaine Smaczniak October 30, 2014
821-I	Updated BPA testing to test all accessible components if BPA Free is claimed	Elizabeth Armstrong July 30, 2015	Elizabeth Armstrong July 30, 2015

821-J	Added Thermal Retention - Cold and Leachable Lead for Other Metals (Food Contact Only) Updated the test method of Dishwasher safe to Kohl's TM 57, and Toxicology (Plastics and polymeric coating) and BPA Content	Gigi Au May 24, 2016	Elizabeth Armstrong May 24, 2016
821-K	Updated GRAS evaluation	Teana Robinette Sept 25, 2018	Teana Robinette Sept 25, 2018
821-L	Updated GRAS evaluation for s/s composition	Elizabeth Armstrong Jan 11, 2019	Elizabeth Armstrong Jan 11, 2019
821-M	Added adult tracking label	Elizabeth Armstrong June 24, 2020	Elizabeth Armstrong June 24, 2020
821-N	Added PFAS supplement testing requirements and removed tier 3	Elizabeth Armstrong March 2022	Elizabeth Armstrong March 2022
821-O	Updated BPA Free Label test line and BPA Content test line	Violet Nelson Oct. 2023	Violet Nelson Oct. 2023
821-P	Added Chemical Disclosure / Labeling in Cookware Test line	Kevin Makocy December 2023	Kevin Makocy December 2023
821-Q	Added new Food Contact Supplemental protocol (1800) requirements	Jackie Deppisch September 2024	Jackie Deppisch September 2024