| PROTOCOL # 821-R | | | | |
|--|---|-------------|---|--|
| 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: |
| BPA Free Label | Visual Check | All Samples | Must be conspicuously labeled as "BPA Free" | Actual: |
| | | All Sumples | 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: Max0%/+5% of claimed capacity. | Claim: Actual: |
| | | | Record actual data if there is no claim. | |
| 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 | 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 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/2433/ciel-816M022468culm.medium=ISM a lade for CA AB- 1200 and Product CA AB- 1200 | Account. |

| All components shall be provided as claimed and shall not be deformed or fractured. |
|--|
| 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 burns or sharp edges (test by touch or sight) - Product shall not contain any loose components or unsecured fastening where rigidity is required PERFORMANCE Lid Fitting Std. Measure 1 Sample Lid shall fit securely without excessive looseness Tier 1: Max. 2inch Tier 2: Slbs Tier 2: ISlbs Tier 2: Islbs Tier 2: Islbs Tier 2: Islbs Tier 2: Slbs Tier 3: 3.5 oz Tier 3: 5 cycles Tier 1: 5 cycles Tier 1: 5 cycles Tier 2: 5 cycles Tier 2: 15 cycles Tier 3: 15 cycles Tier 2: 15 cycles Tier 3: 15 cycles Tier 3: 15 cycles Tier 3: 15 cycles Tier 3: 15 cycles Tier 4: 15 cycles Tier 2: 15 cycles Tier 3: 15 cycles Tier 3: 15 cycles Tier 4: 15 cycles Tier 5: 15 cycles Tier 5: 15 cycles Tier 5: 15 cycles Tier 5: 15 cycles Tier 6: 15 cycles Tier 6: 15 cycles Tier 6: 15 cycles Tier 7: 15 cycles Tier 6: 15 cycles Tier 7: 15 cycles Tier 8: 15 cycles Tier 8: 15 cycles Tier 8: 15 cycles Tier 8: 15 cycles Tie |
| - 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 louse components or unsecured fastening where rigidity is required PERFORMANCE Lid Fitting Std. Measure 1 Sample Lid shall fit securely without excessive looseness Tier 1: Max. Jinch Tier 2: Max. Jinch Tier 2: Max. Jinch Tier 2: Jax. Jinch Tier 2: Jinch 2: Jinch Tier 3: Jinch Tier 3 |
| - 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 Lid Fitting Std. Measure 1 Sample Lid shall fit securely without excessive looseness Tier 2: Max_Jinch **Handle Strength & Durability (If Applicable) Handle Strength = Static Kohl's TM 34 1 Sample No failure or adverse effect with below static load Tier 1: Sibs Tier 2: 15lbs Tier 2: 15lbs Tier 1: 2.50c Tier 3: 3.50c Handle Durability Actual Use 1 Sample Fit 3: 3.50c No failure. With below defined cycles Tier 2: 15 Cycles Tier 3: 5 Cycles Tier 5: 5 Cycles Ti |
| splatter - All components shall not contain any burrs or sharp edges (test by touch or sight) - Product shall not contain any lorse components or unsecured fastening where rigidity is required **Handle Strength & Durability (If Applicable) **Handle Strength & Durability (If Applicable) **Handle Strength & Static **Kohl's TM 34 **I Sample **Handle Strength — Impact **Kohl's TM 35 **I Sample **Handle Strength — Impact **Kohl's TM 35 **I Sample **I |
| Components shall not contain any burso or sharp edges (test by touch or sight) Product shall not contain any loose components or unsecured fastening where rigidity is required |
| Company Comp |
| PERFORMANCE Lid Fitting Std. Measure Std. Measure Std. Measure Std. Measure Strength & Durability (if Applicable) **Handle Strength & Durability (if Applicable) **Handle Strength - Static S |
| Unsecured fastening where rigidity is required |
| Lid Fitting Std. Measure 1 Sample Lid shall fit securely without excessive looseness Tier 1: Max. Zinch Tier 2: Max. Linch |
| Lid Fitting Std. Measure 1 Sample Lid shall fit securely without excessive looseness Tier 1: Max. 2inch Tier 2: Max. 1inch Tier 3: Max. 1inch T |
| *Handle Strength & Durability (If Applicable) *Handle Strength – Static Kohl's TM 34 1 Sample No failure or adverse effect with below static load Tier 1: 5lbs Tier 2: L51bls Handle Strength – Impact Kohl's TM 35 1 Sample No failure or adverse effect with below min. impact force Tier 1: 2.50z Tier 3: 3.50z Handle Durability Actual Use 1 Sample No failure. With below defined cycles Tier 2: 15 Cycles Tier 2: 15 Cycles Tier 2: 15 Cycles Tier 1: 5 Cycles Tier 2: 15 Cycles Tier 2: 24 Hours Tier 1: 24 Hours Tier 2: 48 Hours Tier 1: 24 Hours Tier 2: 48 Hours Tier 2: 48 Hours Tier 3: 35 Cycles Tier 3: 35 Cycles Tier 3: 48 Hours Tier 3: 48 Hours Tier 3: 48 Hours Tier 3: 48 Hours Tier 4: 48 Hours Tier 5: 48 Hours Tier 5: 48 Hours Tier 5: 48 Hours Tier 4: 48 Hours Tier 4: 48 Hours Tier 5: 48 Hours Tier 5: 48 Hours Tier 4: 48 Hours Tier 5: 48 Hours Tier 6: 48 Hours Tier 6: 48 Hours Tier 6: 48 Hours Tier 6: 48 Hours Tier 7: 48 Hours Tier 7: 48 Hours Tier 8: 48 Hours Tier 9: 48 Hours Tier 9: 48 Hours Tier 9: 48 Hours Tier 9: 48 Hours Tier 1: 49 Hours Tier 1: 49 Hours Tier 7: 5: 5 Cycles Tier 2: 48 Hours Tier 7: 5: 5 Cycles Tier 7: 5 Cycles Tie |
| **Handle Strength & Durability (If Applicable) Handle Strength — Static Kohl's TM 34 1 Sample File 2: 15lbs Tier 3: 3.5oz Tier 3: 3.5oz Tier 3: 3.5oz Handle Durability Actual Use 1 Sample File Strength — Hondwashing Kohl's TM 32 1 Sample File Strength — Hondwashing Kohl's TM 32 1 Sample File Strength — Hondwashing Kohl's TM 32 1 Sample File Strength — Hondwashing Fi |
| Handle Strength & Durability (If Aprilicable) Handle Strength – Static Kohl's TM 34 1 Sample Tier 1: 5lbs Tier 2: 15lbs Tier 1: 5lbs Tier 2: 15lbs Handle Strength – Impact Kohl's TM 35 1 Sample Tier 1: 5lbs Tier 2: 15lbs No failure or adverse effect with below static load Tier 2: 15lbs Handle Durability Actual Use 1 Sample Tier 2: 2.502 Tier 3: 3.502 No failure with below defined cycles Tier 2: 2.502 Tier 3: 3.502 Effects Of Handwashing Kohl's TM 32 1 Sample detergent for below defined cycles Tier 2: 150 Cycles Resistance To Water Leakage Kohl's TM 39 1 Sample detergent for below defined downs. Tier 1: 24Hours Tier 2: 418 Hours Thermal Retention - Cold With Reference to EN 12546-1 1 Samples Till product 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. |
| Handle Strength – Static Kohl's TM 34 1 Sample Tier 1: 5lbs Tier 2: 15lbs Tier 2: 15lbs Tier 3: 3.5oz Handle Durability Actual Use Tier 3: 3.5oz Handle Durability Actual Use Tier 3: 3.5oz Handle Durability Actual Use Tier 3: 3.5oz No failure or adverse effect with below min. impact force Tier 3: 3.5oz No failure. With below defined cycles Tier 1: 72 Cycles Tier 2: 150 Cycles Tier 2: 150 Cycles Tier 2: 150 Cycles Tier 1: 5 Cycles Tier 1: 5 Cycles Tier 1: 5 Cycles Tier 1: 5 Cycles Tier 2: 15 Cycles Tier 3: 3.5oz No color change and no adverse effect with below defined cycles Tier 1: 5 Cycles Tier 2: 15 Cycles Tier 3: 3.5oz No color change and no adverse effect with below defined cycles Tier 1: 5: 5 Cycles Tier 2: 15 Cycles Tier 2: 15 Cycles Tier 3: 3.5oz No color change and no adverse effect with below defined cycles Tier 3: 3.5oz No color change and no adverse effect with below defined cycles Tier 3: 3.5oz No color change and no adverse effect with below defined cycles Tier 3: 3.5oz No color change and no adverse effect with below defined cycles Tier 3: 3.5oz No color change and no adverse effect with below defined cycles Tier 3: 3.5oz No color change and no adverse effect with below defined cycles Tier 3: 3.5oz No color change and no adverse effect with below defined cycles Tier 3: 3.5oz No color change and no adverse effect with below defined cycles Tier 3: 3.5oz No color change and no adverse effect with below defined cycles Tier 3: 3.5oz No color change and no adverse effect with defined cycles Tier 3: 3.5oz |
| Handle Strength – Impact Kohl's TM 35 1 Sample No failure or adverse effect with below min. impact force Tier 1: 2.5oz Tier 3: 3.5oz Handle Durability Actual Use 1 Sample Tier 1: 75 Cycles Tier 2: 150 Cycles Tier 2: 150 Cycles Tier 2: 150 Cycles Tier 1: 5 Cycles Tier 1: 5 Cycles Tier 1: 5 Cycles Tier 2: 15 Cycles Tier 2: 15 Cycles Tier 3: 3.5oz No color change and no adverse effects – Hand wash with detergent for below defined cycles. Tier 1: 5 Cycles Tier 2: 15 Cycles Tier 3: 3.5oz No color change and no adverse effects – Hand wash with detergent for below defined cycles. Tier 1: 5 Cycles Tier 1: 2 Handles Tier 2: 15 Cycles Tier 2: 15 Cycles Tier 2: 15 Cycles Tier 3: 3.5oz No color change and no adverse effects – Hand wash with detergent for below defined cycles. Tier 1: 2 Handles Tier 2: 15 Cycles Tier 3: 3.5oz Tier 2: 15 Cycles Tier 1: 2 Handles Tier 3: 3.5oz Tier 2: 15 Cycles Tier 2: 15 Cycles Tier 3: 3.5oz Tier 2: 15 Cycles Tier 1: 2 Handles Tier 1: 2 Handles Tier 2: 15 Cycles Tier 3: 3.5oz Tier 2: 15 Cycles Tier 2: 15 Cycles Tier 2: 15 Cycles Tier 3: 3.5oz Tier 3: 3 |
| Handle Strength – Impact Kohl's TM 35 1 Sample Tier 2: 15lbs No failure or adverse effect with below min. impact force Tier 1: 2.5oz Tier 3: 3.5oz Handle Durability Actual Use 1 Sample Kohl's TM 32 1 Sample Kohl's TM 32 1 Sample No color change and no adverse effects – Hand wash with detergent for below defined cycles. Tier 1: 5 Cycles Tier 2: 15 Cycles Tier 3: 2 Hand wash with detergent for below defined cycles. Tier 1: 24Hours Tier 1: 24Hours Tier 1: 24B Hours Tier 2: 48 Hours Tier 2: 48 Hours Tier 3: 48 Hours Tier |
| Handle Strength – Impact Kohl's TM 35 1 Sample No failure or adverse effect with below min. impact force Tier 1: 2.5oz Tier 3: 3.5oz Handle Durability Actual Use 1 Sample No failure. With below defined cycles Tier 1: 75 Cycles Tier 2: 150 Cycles No color change and no adverse effects – Hand wash with detergent for below defined cycles. Tier 1: 5 Cycles Tier 2: 15 Cycles Resistance To Water Leakage Kohl's TM 39 1 Sample Kohl's TM 39 1 Sample Fill product with water to 2/3 full capacity. No leakage after below defined hours. Tier 1: 24 Hours Tier 2: 48 Hours 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. |
| Handle Durability Actual Use I Sample No failure. With below defined cycles Tier 1: 75 Cycles Tier 2: 150 Cycles Tier 2: 150 Cycles Tier 2: 150 Cycles Tier 1: 5 Cycles Tier 1: 5 Cycles Tier 1: 5 Cycles Tier 2: 15 Cycles Tier 3: 24 Hours Tier 3: 24 Hours Tier 4: 24 Hours Tier 2: 48 Hours Tier 3: 48 Hours Tier 3: 48 Hours Tier 3: 48 Hours Tier 3: 48 Hours Tier 4: 48 Hours Tier 5: 5 Cycles Tier 5: 5 Cycles Tier 6: 5 Cycles Tier 7: 5 Cycles Tier 7 |
| Handle Durability Actual Use I Sample No failure. With below defined cycles Tier 1: 75 Cycles Tier 2: 150 Cycles Tier 2: 150 Cycles Tier 2: 150 Cycles Tier 2: 150 Cycles Tier 1: 75 Cycles Tier 2: 150 Cycles Tier 2: 150 Cycles Tier 1: 5 Cycles Tier 1: 5 Cycles Tier 2: 15 Cycles Tier 3: 15 Cycles T |
| Handle Durability Actual Use 1 Sample No failure. With below defined cycles Tier 1: 75 Cycles Tier 2: 150 Cycles Ffects Of Handwashing Kohl's TM 32 1 Sample No color change and no adverse effects – Hand wash with detergent for below defined cycles. Tier 1: 5 Cycles Tier 2: 15 Cycles Tier 2: 15 Cycles Fill product with water to 2/3 full capacity. No leakage after below defined hours. Tier 1: 2: 48 Hours Tier 2: 48 Hours 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. |
| Handle Durability Actual Use 1 Sample Fifects Of Handwashing Kohl's TM 32 1 Sample Resistance To Water Leakage Kohl's TM 39 Thermal Retention - Cold With Reference to EN 12546-1 1 Sample 1 Sample Thermal Retention - Cold With Reference to EN 12546-1 Thermal Retention - Cold With Reference to EN 12546-1 Thermal Retention - Cold With Reference to EN 12546-1 Thermal Retention - Cold With Reference to EN 12546-1 Thermal Retention - Cold With Reference to EN 12546-1 Thermal Retention - Cold Thermal Retention - Cold With Reference to EN 12546-1 Thermal Retention - Cold Thermal Retention - |
| Effects Of Handwashing Kohl's TM 32 1 Sample No color change and no adverse effects – Hand wash with detergent for below defined cycles. Tier 1: 5 Cycles Tier 2: 15 Cycles Resistance To Water Leakage Kohl's TM 39 1 Sample Fill product with water to 2/3 full capacity. No leakage after below defined hours. Tier 1: 24 Hours Tier 2: 48 Hours 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. |
| Effects Of Handwashing Kohl's TM 32 Sample Resistance To Water Leakage Resistance To Water Leakage With Reference to EN 12546-1 With Reference to EN 12546-1 Tier 2: 48 Hours 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. |
| Effects Of Handwashing Kohl's TM 32 1 Sample Resistance To Water Leakage Kohl's TM 39 1 Sample Kohl's TM 39 1 Sample Resistance To Water Leakage Kohl's TM 39 1 Sample Fill product with water to 2/3 full capacity. No leakage after below defined hours. Tier 1: 24Hours Tier 2: 48 Hours 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. |
| detergent for below defined cycles. Tier 1: 5 Cycles Tier 2: 15 Cycles Tier 2: 15 Cycles Fill product with water to 2/3 full capacity. No leakage after below defined hours. Tier 1: 24Hours Tier 2: 48 Hours 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: 5 Cycles Tier 2: 15 Cycles Resistance To Water Leakage Kohl's TM 39 1 Sample Fill product with water to 2/3 full capacity. No leakage after below defined hours. Tier 1: 24Hours Tier 2: 48 Hours 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 2: 15 Cycles Resistance To Water Leakage Kohl's TM 39 1 Sample Fill product with water to 2/3 full capacity. No leakage after below defined hours. Tier 1: 24Hours Tier 2: 48 Hours 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. |
| Resistance To Water Leakage Kohl's TM 39 1 Sample Fill product with water to 2/3 full capacity. No leakage after below defined hours. Tier 1: 24Hours Tier 2: 48 Hours 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. |
| below defined hours. Tier 1: 24Hours Tier 2: 48 Hours 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: 24Hours Tier 2: 48 Hours Thermal Retention - Cold With Reference to EN 12546-1 With Reference to EN 12546-1 The time elapsed from 5°C to 15°C shall be as below. |
| Thermal Retention - Cold With Reference to EN 12546-1 With Reference to EN 12546-1 The time elapsed from 5°C to 15°C shall be as below. |
| Thermal Retention - Cold With Reference to EN 12546-1 I 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. |
| 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. |
| 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. |
| 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. |
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| report. The time elapsed from 5°C to 15°C shall be as below. |
| 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 21 CFR 1 Sample Must comply with applicable requirements of FDA. |
| coating) 175/177 |
| *Bisphenol A (BPA) Content Solvent extraction and All Samples & Shall not contain any detectable level of Bisphenol A |
| analysis by LC/MS |
| Scope: Remark: |
| 1) Reusable food or beverage Various US State Laws Actual testing shall be done on all accessible plasticized |
| containers (ie, food contact), (CT, WA, NY, DE, IL, material including coatings and plastic. |
| including lid, cup, etc). MA, MD, ME, MN, NV, |
| 2) Sports bottles VT, WI, the District of Exempt Materials: |
| |
| Columbia, Chicago Glass, Metal, Wood, Textiles. |
| City) |
| 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 All Samples All samples shall be reviewed against the requirements of |
| 1600 PFAS Supplement Protocol to determine if additional testing |
| or labeling is required |

| | | | T | |
|--------------------------------------|------------------------|-------------|--|--|
| Refer to protocol Hardlines | Refer to Protocol | All Samples | All samples shall be reviewed against the requirements of the | |
| Regulatory Supplement for | 1800 | | Hardlines Regulatory Supplemental Protocol (State | |
| additional State & Federal | | | Regulation Only) to determine if additional testing or labeling | |
| Regulations | | | is required | |
| METAL PERFORMANCE | | | | |
| *Cross Cut Adhesion (if applicable) | ASTM D3359 | 1 Sample | A lattice pattern with six cuts in each direction is made in the | |
| | Method B | | 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 | All Samples | All samples shall be reviewed against the requirements of | |
| , , , | 1600 | · | PFAS Supplement Protocol to determine if additional testing | |
| | | | or labeling is required | |
| Refer to protocol Hardlines | Refer to Protocol | All Samples | All samples shall be reviewed against the requirements of the | |
| Regulatory Supplement for | 1800 | | Hardlines Regulatory Supplemental Protocol (State | |
| additional State & Federal | | | Regulation Only) to determine if additional testing or labeling | |
| Regulations | | | is required | |
| STAINLESS STEEL (IF CLAIMED & FO | OD CONTACT ONLY) | | | |
| Claimed Chromium Content < 16% | | | | |
| * Stainless Steel Composition | Acid Digestion / ICP / | 1 Sample | Stainless steel composition (Carbon, Manganese, Phosphorus, | |
| | ASTM E1019 | | Sulfur, Silicon, Chromium, Nickel, Nitrogen, Molybdenum) | |
| (Applicable To Food Contact | | | test is to be conducted. | |
| Surfaces Only) | | | | |
| * Stainless Steel - Resistance To | ASTM B117 | 1 Sample | Shall withstand 48 Hours in 1% Salt Spray (Fog) with no major | |
| Corrosion | (Mod.) | | visual change, pitting or corrosion. | |
| | | | Modification = % of salt spray | |
| (Applicable if result of composition | | | , | |
| test does not meet the claimed | | | | |
| specification) | | | | |
| Claimed Chromium Content ≥ 16% | | | | |
| *FDA – GRAS Stainless Steel | Acid Digestion / ICP / | 1 Sample | Shall meet | |
| (Applicable To Food Contact | ASTM E1019 | ' | Stainless Steel Claim (Chromium and Nickel content) AND | |
| Surfaces Only) | | | , | |
| ,, | | | Minimum of 16% Chromium to be considered FDA GRAS. | |
| GRAS evaluation | FDA Generally | 1 Sample | Metal intended to come into contact with food shall meet | |
| | Recognized as Safe | ' | FDA GRAS requirement. Metal composition is conducted and | |
| | (GRAS) | | evaluated if it is GRAS. | |
| | Guidelines/FDA | | | |
| | Opinion / ASTM | | Must meet 16% Chromium, if not conduct stainless steel - | |
| | E1086-14 / ASTM | | resistance to corrosion testing | |
| | E415-17 / CPSD-GB- | | | |
| | 00003-MTHD / CPSD- | | | |
| | AN-00295-MTHD | | | |
| * Stainless Steel - Resistance To | ASTM B117 | 1 Sample | Shall withstand 48 Hours in 1% Salt Spray (Fog) with no major | |
| Corrosion | (Mod.) | | visual change, pitting or corrosion. | |
| | | | Modification = % of salt spray | |
| (Applicable if product does not | | | | |
| comply GRAS test) | | | | |
| OTHER METAL (FOOD CONTACT ON | LY) | | | |
| * Leachable lead | ASTM C738 / AOAC | 1 Sample | With reference to CPG Sec. 545.500 (CPG 7117.05) | |
| | methods 973.32 and | | | |
| (Applicable to food contact metal | 973.82 | | Lead: | |
| only) | | | ≤ 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) | |
| | | • | | |

PRICING AND ADDITIONAL NOTE:

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 | Roger Mayerson |
| | Illitial Release | Feb 10, 2004 | Mar 08, 2004 |

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

| 214 – 1 | Delete FDA and Prop 65 tests. | Simon Leung | Roger Mayerson |
|---------|---|---------------------|---------------------------------|
| 214-1 | Delete FDA and FTOP 03 tests. | June 21, 2004 | July 01, 2004 |
| 214 – 2 | Revise Handle Strength - Impact | Simon Leung | Ro Jain |
| 214 – 2 | · | Aug 20, 2005 | Aug 25, 2005 |
| 214 – 3 | Added Lid Fitting, Affects of Handwashing, Water Leakage & Cross Cut | Simon Leung | Ro Jain |
| 214 – 3 | Adhesion Tests. Price Adjustment | Jun 08, 2009 | Jun 15, 2009 |
| 821-A | Changed protocol number from 214-3 to 821-A. Changed lead in surface | Elizabeth Armstrong | Ro Jain |
| 021 A | coating to 90ppm from 600ppm, price adjustment | April 1, 2010 | April 1, 2010 |
| 821-B | Added BPA Testing | Elizabeth Armstrong | Ro Jain |
| 021-D | Added DrA Testing | November 11, 2010 | November 11, 2010 |
| 821-C | Added FDA-GRAS Stainless Steel requirement | Elaine Smaczniak | Ro Jain |
| 821-0 | Added 1 DA-GRAS Stainless Steet requirement | Sep 18, 2012 | Oct 4, 2012 |
| 821-D | FDA – GRAS Stainless Steel Test Updated | John Wong | Rufus Moberly |
| 821-0 | ozi-u FDA – GRAS Stainless Steel lest Updated | | Jan 29, 2013 |
| 821-E | FDA – GRAS Stainless Steel Test Updated Added Corrosion Test. | John Wong | Rufus Moberly |
| 921-L | FDA – GRAS Stailliess Steel lest Opuated Added Collosion lest. | Jul 18, 2013 | Jul 23, 2013 |
| 821-F | Differentiate the performance rating to Tier 1/Tier 2/Tier 3 Updated the | Jeetendra Shelatkar | Ro Jain |
| 821-F | package price | Oct 4, 2013 | Dec 16, 2013 |
| 821-G | Updated lead and corrosion to resistance tests pricing | Candy Chan | Jeetendra Shelatkar |
| | Opuated lead and corrosion to resistance tests pricing | Jul 30, 2014 | Aug. 4, 2014 |
| 821-H | Departed all in house mothering | Birkoff Chen | Elaine Smaczniak |
| | Renamed all in-house methods | Sep. 4, 2014 | October 30, 2014 |
| 024.1 | Undeted DDA testing to test all accessible common outs if DDA Fues is alsimod | Elizabeth Armstrong | Elizabeth Armstrong |
| 821-I | Updated BPA testing to test all accessible components if BPA Free is claimed | July 30, 2015 | July 30, 2015 |
| | Added Thermal Retention - Cold and Leachable Lead for Other Metals (Food | | |
| 821-J | Contact Only) | Gigi Au | Elizabeth Armstrong |
| 821-3 | Updated the test method of Dishwasher safe to Kohl's TM 57, and Toxicology | May 24, 2016 | May 24, 2016 |
| | (Plastics and polymeric coating) and BPA Content | | |
| 821-K | Updated GRAS evaluation | Teana Robinette | Teana Robinette |
| 821-K | Opuated GRAS evaluation | Sept 25, 2018 | Sept 25, 2018 |
| 821-L | Updated GRAS evaluation for s/s composition | Elizabeth Armstrong | Elizabeth Armstrong |
| 821-L | Opuated GRAS evaluation for sys composition | Jan 11, 2019 | Jan 11, 2019 |
| 821-M | Added adult tracking label | Elizabeth Armstrong | Elizabeth Armstrong |
| 821-IVI | Added addit tracking label | June 24, 2020 | June 24, 2020 |
| 821-N | Added DEAC complement testing requirements and represent tion 2 | Elizabeth Armstrong | Flinchath Assessment March 2023 |
| 821-N | Added PFAS supplement testing requirements and removed tier 3 | March 2022 | Elizabeth Armstrong March 2022 |
| 024.0 | Undeted DDA Free Label test line and DDA Contest test line | Violet Nelson | Violet Nelson |
| 821-0 | Updated BPA Free Label test line and BPA Content test line | Oct. 2023 | Oct. 2023 |
| 024.5 | Added Charried Disclosure / Labeline in Cookware Test line | Kevin Makocy | Kevin Makocy |
| 821-P | Added Chemical Disclosure / Labeling in Cookware Test line | December 2023 | December 2023 |
| | Added now Food Contest Consistent austral austral (1900) as suite and | Jackie Deppisch | Jackie Deppisch |
| 921.0 | Added new Food Contact Supplemental protocol (1800) requirements | September 2024 | September 2024 |
| 821-Q | | | · |
| 821-Q | Updated 1800 Hardlines Regulatory Supplement for additional State & | | |