

**PROTOCOL # 835-E**  
**FRIDGE OR FREEZER THERMOMETER**

Performance Test	Test Method	Samples	Test Principle/Requirements	Rating (Section or exec. Summary which failed items can be referenced)
<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)	
Labeling of Hazardous Substance	16 CFR 1500.3(b) (14) and 16 CFR 1500.14 and 16 CFR 1500.121		Substances or article contains substances, including but not limited to liquid, pastes, putties, gels and powder, which have known hazards shall meet all applicable labeling requirements specified in the regulations.	
Special Labeling of Hazardous Substance	16 CFR 1500.14(b) (1) to (5)		Liquid or article with liquid component containing substances that have special hazards to health shall meet all applicable labeling requirements specified in the regulations.  NOTE: See "Hazardous Substance - Liquid Screen Test" in Chemical Test section for details.	
Toxic Substance - Ingredient Review	Toxic Substances Control Act (TSCA)		For substances, mixtures, components of product that consist of substances or mixtures including liquid, pastes, putties, gels, powders, or other mobile materials.  Ingredients used in the formulation shall be listed in the TSCA Inventory of existing chemical substances.  NOTE: 1) Exclude pesticide, food, cosmetic etc. which is regulated by other federal laws. 2) Chemical substance or mixture shall be either NOT subjected to TSCA or meet all applicable rules or orders under TSCA. 3) If a product contains "new chemical" (i.e. not listed in the TSCA inventory of existing chemical substances), registration for the new chemical is required which will be the vendor's responsibility.	
Verify Label Claims	Visual Check		Shall meet label claims (If applicable). Remark any claim that is not verified.	
Instructions	Visual Check		Shall include clear and understandable assembly, use, maintenance, care and/or safety instructions as required. In addition, shall be provided in language appropriate to destination countries with no errors or spelling mistakes.	
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	Can be included on packaging when necessary: Kohl's Assigned Factory Number Manufacture Date (Month/Year) UPC #	
<b>PHYSICAL CHARACTERISTICS</b>				
Overall Dimensions	Standard Measurement		Report actual. Shall meet label claims (If applicable).	Claim: Actual:
Overall Weight	Standard Measurement		Report actual. Shall meet label claims (If applicable).	Claim: Actual:
Temperature Range	Visual Check		Report measurable range for each scale (in °F or °C). Shall meet label claims (if applicable).	Claim: Actual:
Temperature Divisions / Graduation	Visual Check		Report smallest division for each scale (in °F or °C). Shall meet label claims (if applicable).	
<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>	
Sharp Points / Edges	With reference to 16 CFR 1500.48 / 1500.49		Shall have no sharp points or edges as received, other than those required for function.	
<b>PERFORMANCE TESTING</b>				
Flammability of Liquid (If applicable) (in lieu of testing can submit current MSDS Data Sheet)	16 CFR 1500.3(c) (6) / 16 CFR 1500.43(a)		<p>Classification of flashpoint:</p> <ul style="list-style-type: none"> <li>- Extremely flammable: At or below 20°F (-6.7°C);</li> <li>- Flammable: Above 20°F (-6.7°C) and below 100°F (37.8°C);</li> <li>- Combustible: At or above 100°F (37.8°C) to and including 150°F (65.6°C);</li> <li>- Non-Combustible: Above 150°F (65.6°C).</li> </ul> <p>NOTE: Extremely flammable, flammable and combustible liquid shall comply with the labeling requirement in accordance with 16 CFR 1500.3(b)(14).</p>	
Functionality	Actual Use	1 sample	Shall function as intended as received.	
Temperature Accuracy	Actual Use	1 sample	The accuracy shall lie within half unit of division when compared to a calibrated thermometer.	
Effects of Cold	Actual Use	1 sample	Article shall have no adverse effects after placed in freezer at 0°F (-18°C) for 24 hours.	
Mounting / Hanging Durability	Actual Use	1 sample	Shall be secure, level, and not off balance when the article is hung or mounted for 24 hours by its own weight as instructed or intended.	
* Cyclic Test (For operable component)	Actual Use	1 sample	Operable component shall withstand 100 times actual use cycles without failure or loss of functionality.	
* Resistance to Corrosion (For metal component)	ASTM B117	1 Sample	Metal component shall withstand 24 hours in 5% salt spray (fog) with no major corrosion or visual change.	
<b>ANALYTICAL</b>				
CA Prop 65	Refer to Protocol 1300	All Sample	All samples shall be reviewed against the requirements of California Proposition 65 to determine if additional testing or labeling is required.	
Hazardous Substance - Toxicological Risk Assessment (in lieu of testing can submit current MSDS Data Sheet)	16 CFR 1500.3		<p>Toxicological risk assessment (TRA) shall be conducted for substances or article contains substances, including but not limited to liquid, pastes, putties, gels and powder, in order to substantiate the compliance to the regulations.</p> <p>NOTE: Vendor shall provide chemical formulation to proceed evaluation.</p>	
Hazardous Substance - Liquid Screen Test (in lieu of testing can submit current MSDS Data Sheet)	16 CFR 1500.14(b) (1) to (5)		<p>Liquid or article with liquid component shall not contain below substances exceed the limit. If the substance exceeds the limit, the article shall have special label statement as described in 16 CFR 1500.14(b)(1) to (5).</p> <ul style="list-style-type: none"> <li>- 10% or more diethylene glycol by weight</li> <li>- 10% or more ethylene glycol by weight;</li> <li>- 5% or more benzene by weight;</li> <li>- 10% or more toluene by weight;</li> <li>- 10% or more xylene by weight;</li> <li>- 10% or more petroleum distillates by weight;</li> <li>- 4% or more methyl alcohol by weight;</li> <li>- 10% or more turpentine by weight.</li> </ul>	
* Lead In Scrapable Surface Coating (If Applicable)	CPSC-CH-E1003-09	1 sample	≤600ppm (0.060% by weight)	
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	

<b>PRICING AND ADDITIONAL NOTE:</b> <b>*Please refer to Kohl's preferred third party labs for individual pricing and sample size.</b>			
PROTOCOL VERSION	DESCRIPTION OF CHANGE	Revised By	Approved By
835- A	Initial Release	Intertek HK (Wendy Mak)	Elizabeth Armstrong Feb 14, 2018
835-B	Added adult tracking label	Elizabeth Armstrong June 24, 2020	Elizabeth Armstrong June 24, 2020
835-C	Added PFAS supplemental testing requirements	Elizabeth Armstrong March 2022	Elizabeth Armstrong March 2022
835-D	Added new Food Contact Supplemental protocol (1800) requirements	Isaac Grossman September 2024	Isaac Grossman September 2024
835-E	Updated 1800 Hardlines Regulatory Supplement for additional State & Federal Regulations	Isaac Grossman February 2025	Isaac Grossman February 2025