

# REPORT

Technical Report: (6617)177-0567

Page 1 of 27  
JUL.12, 2017





# COST PLUS TEST REPORT

COST PLUS WORLD MARKET  
1201 Marina Village Parkway  
Alameda, CA. 94501

ATTN: CPWM QA  
CC: /

LAB NO.: (6617)177-0567  
DATE IN: JUN.26, 2017  
MOD. LOG IN: JUL.04, 2017  
DATE OUT: JUL.12, 2017  
WORKING DAYS: 7  
REVISED DATE: /  
PAGE: 2 of 27

LIVEON INDUSTRIAL CO LTD

NO. 46 YUDONG SIX RD, THE 4TH INDUSTRIAL ESTATE, YANGJIANG,  
YANGJIANG, GUANGDONG, CHINA

CC: CRYSTAL CHEN

OVERALL RATING	
PASS	<u>  X  </u>
FAIL	<u>      </u>
DATA	<u>      </u>

**TESTING FOR**  
**FOOD CONTACT ARTICLE (V3)**  
**CSTP - 06001 – US**  
**FOOD CONTACT ARTICLE**  
**CPSD-AN-06001-USA-3 STAR**  
**PLASTIC FOOD CONTACT ARTICLE**  
**CPSD-AN-06001.01-USA**  
**WOOD FOOD CONTACT ARTICLE**  
**CPSD-AN-06001.04-USA**  
**METAL METAL ALLOY ENAMEL FOOD CONTACT ARTICLE**  
**CPSD-AN-06001.05-USA-3 STAR**  
**CALIFORNIA PROPOSITION 65 (V21)**  
**CSTP-06572-US**

PHASE:      DEVELOPMENT       PRODUCTION       OTHER

Sample Submitted Via BV Sample Collection:	YES	NO	X
Sample Description:	3PCS CHEESE KNIVES WITH MARBLE BOARD		
Manufacturer:	LIVEON INDUSTRIAL CO LTD	Country of Origin:	CHINA
SKU #(S):	548975	Color:	BLACK KNIFE BLADE, BLACK MARBLE
Grouped SKU #(S):	/		
Re-test:	Yes:	No: X	Charge Vendor: Yes: X No:
Cost Plus Vendor Name:	LIVEON INDUSTRIAL CO LTD	Cost Plus Vendor #:	248218- LIVEON INDUSTRIAL CO LTD
Cost Plus Dept #:	13-KITCHEN	Style/Model No.:	221275
Previous Report No.:	/		
Revised Report:	Yes: X	No:	
Reason For Revision:	/		
Partial Testing / Group Testing	Yes: X	No:	
Approved by:	NS 6/29/2017		



# COST PLUS TEST REPORT

**Email Information:**

548975, 3PCS CHEESE KNIVES WITH MARBLE BOARD, LIVEON  
INDUSTRIAL CO LTD, 13-KITCHEN, /, CHINA, (6617)177-0567, PASS, /



**EXECUTIVE SUMMARY:**

1.The submitted samples comply with regulations of US FDA food simulating solvent and extraction, test results are listed as below: (PASS)

**Resinous and Polymeric Coatings - U.S. FDA 21 CFR 175.300**

Condition of use: E) Room temperature filled and stored  
 Extracting condition: Distilled Water (120 °F, 24 hr.)  
 n-Heptane (70 °F, 30 min.)

Parameter	Unit	Result		Limit
		1	2	
Chloroform - Soluble Extractives				
(i) Distilled Water	mg/in <sup>2</sup>	<0.5	2.9	≤18
(ii) n-Heptane	mg/in <sup>2</sup>	<0.5	<0.5	≤18
<b>Conclusion</b>	-	PASS	PASS	-

Test Item 1: Black coating on knife  
 Test Item 2: Varnish coating on marble

Note: mg/in<sup>2</sup> = milligrams per square inch of coated surface  
 "<" = less than  
 "≤" = less than or equal to

Method: U.S. FDA 21 CFR 175.300



2. The submitted samples comply with FDA/GRAS requirement, test results are listed as below: (PASS)

**FDA / GRAS Evaluation**

Test Item 1: Knife

Result: The sample 1 meets the chemical requirements of an AISI 420 stainless steel. AISI 420 is given as a reference.

Conclusion: The sample Meet FDA/GRAS

Method: ASTM E1086-14

Arc Spectrometer Data Sheet		
AISI 420		
ELEMENTS	SPECIFICATION (%)	RESULT(%)
		1
C	0.15 min	0.296
Si	1 max	0.463
Mn	1 max	0.375
P	0.04 max	0.031
S	0.03 max	0.0074
Cr	12-14	13.41
Ni	--	0.142
Mo	--	0.053
Cu	--	0.075

3. The leachable lead (Pb) and cadmium (Cd) contents from the submitted samples COMPLY with State of California Proposition 65 Requirements. The test results are listed as below: (PASS)

**Extractable Lead and Cadmium - Food and Beverage Use Products**

Test Item 1: Chopping board

Unit	Leaching Volume (mL)	Result (mg/L)	
		Lead	Cadmium
1	1700	0.069	<0.01
2	1700	<0.05	<0.01
3	1700	0.113	<0.01
4	1700	0.117	<0.01
5	1700	0.054	<0.01
6	1700	0.135	<0.01
<b>Average</b>	--	0.082	<0.01

Category	Maximum Allowable Limit (mg/L)		Conclusion
	Lead	Cadmium	
Flatware	3.0	0.5	PASS



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**Test Item 2:** Knife

Unit	Leaching Volume (mL)	Result (mg/L)	
		Lead	Cadmium
1	350	<0.05	<0.01
2	350	<0.05	<0.01
3	350	<0.05	<0.01
4	350	<0.05	<0.01
5	350	<0.05	<0.01
6	350	<0.05	<0.01
<b>Average</b>	--	<0.05	<0.01

Category	Maximum Allowable Limit (mg/L)		Conclusion
	Lead	Cadmium	
Flatware	3.0	0.5	PASS

Note: "<" = less than  
mL = milliliter  
mg/L = milligrams per liter

Method: AOAC 973.32 (2007). The lead and cadmium contents are determined by Atomic Absorption Spectrophotometer.

4.The submitted samples comply Phthalate content, test results are listed as below: (PASS)

**Phthalate content**

Parameter	CAS no.	Unit	Result		Maximum Allowable Limit
			1	2	
Dibutyl phthalate (DBP)	84-74-2	%	ND (<50ppm)	ND (<50ppm)	0.1
Butyl benzyl phthalate (BBP)	85-68-7	%	ND (<50ppm)	ND (<50ppm)	0.1
Di-2-ethylhexyl phthalate (DEHP)	117-81-7	%	ND (<50ppm)	ND (<50ppm)	0.1
Di-iso-nonyl phthalate (DINP)	28553-12-0	%	ND (<50ppm)	ND (<50ppm)	0.1
<b>Conclusion</b>	-	-	PASS	PASS	-

Test item 1: Varnish on stone

Test item 2: Black coating on metal

Note: ND=Not detected  
Detection limit (%): Each 0.005

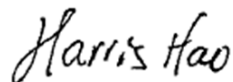
Method: Sample Was Extracted With Organic Solvent And Then Analyzed By Liquid Chromatograph Mass Spectrometer / Gas Chromatograph Mass Spectrometer.

+

**BVCPS (SHANGHAI) GENERAL CONTACT INFORMATION FOR THIS REPORT**

TELEPHONE NO 86-21-24166888  
E-MAIL: [bvcpshtoy.sh@cn.bureauveritas.com](mailto:bvcpshtoy.sh@cn.bureauveritas.com)

**BUREAU VERITAS  
CONSUMER PRODUCTS SERVICE DIVISION (SHANGHAI)**



**HARRIS HAO**

**PROJECT MANAGER (HARDLINE DIVISION)**



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**COST PLUS INC TEST PROTOCOL FOR**  
**CSTP - 06001 - US**  
**FOOD CONTACT ARTICLE (V3)**

Evaluation	Citation / Method	No. of Samples	Criteria	Results	Rating
<b>SUPPLEMENTAL PROTOCOLS</b>					
Note: Additional cost, sample size & TAT may be required if testing to 1 or more supplemental protocol is necessary. Please refer to the above referenced supplemental protocol(s) for additional information.					
* Food contact	CPSD-AN-PTCL-06001-US	--	The sample shall meet requirements of supplemental protocol CPSD-AN-PTCL-06001-US Food contact	See 6001	-
<b>ANALYTICAL</b>					
* GRAS-Doc	21 CFR 182 / ASTM E1086-14 / ASTM E415-15 / CPSD-GB-00001-MTHD	-	Metal intended to come into contact with food shall meet FDA GRAS requirement. Metal composition is conducted and evaluated to determine if it is GRAS.  In lieu of testing and evaluation, test report can be submitted if dated within one year.	M (See result)	PASS

NOTE: The asterisk \* signifies additional test/cost only if applicable to product. Additional costs are noted at bottom of protocol under Additional Charges.

Key:

\* Additional Charge For This Test  
 \*\* Mandatory Requirement  
 # By Request Only

Result Key:

M Meets  
 NM Does Not Meet  
 NA Not Applicable  
 NT Not Tested  
 C Claimed  
 R Recorded

Rating Key:

PASS Pass  
 FAIL Fail





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No. Of Samples Required for Complete Testing	3
No. Of (Fully Packed) Cartons For Transit Testing:	1
No. Of Working Days For Complete Testing:	7

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Client Approval: JUNE 24, 2016 /  
Cathy Simmons  
Creation Date: OCTOBER 21, 2015  
Last Revision Date: JANUARY 24, 2017  
Pricing Review Date:  
Technical Review Date:



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<b>Protocol Number</b>	CPSD-AN-06001-USA-3 STAR		<b>Version</b>	12
<b>Protocol Description</b>	FOOD CONTACT ARTICLE			
<b>Country</b>	United States			
<b>Scope</b>	This protocol covers the food grade tests for articles intended to contact with food and beverage.			
<b>Creation Date</b>	29/Apr/2014	<b>Last Revision Date</b>	05/May/2017	
<b>Client Approval Date</b>		<b>Approver</b>		
<b>No of Sample</b>	Please refer to supplemental protocols.			
<b>No of Carton for Transit Test</b>	Please refer to supplemental protocols.			
<b>No of Working Days</b>	Please refer to supplemental protocols.			

Keys					
A	Additional Charge For This Test	M	Mandatory	R	Regulatory

	Evaluation	Citation / Method	Criteria	1 Star	2 Star	3 Star	Results	Rating
<b>SUPPLEMENTARY PROTOCOL</b>								
A	Plastic	CPSD-AN-PTCL-06001.01-USA	Shall meet the applicable requirements in CPSD-AN-PTCL-06001.01-USA as specified.	X	X	X	See 6001.01	-
A	Paper and paperboard	CPSD-AN-PTCL-06001.02-USA	Shall meet the applicable requirements in CPSD-AN-PTCL-06001.02-USA as specified.	X	X	X	NA	-
A	Ceramic, porcelain, glass	CPSD-AN-PTCL-06001.03-USA	Shall meet the applicable requirements in CPSD-AN-PTCL-06001.03-USA as specified.	X	X	X	NA	-
A	Wood	CPSD-AN-PTCL-06001.04-USA	Shall meet the applicable requirements in CPSD-AN-PTCL-06001.04-USA as specified.	X	X	X	See 6001.04	-
A	Metal, metal alloy and enamel	CPSD-AN-PTCL-06001.05-USA	Shall meet the applicable requirements in CPSD-AN-PTCL-06001.05-USA as specified.	X	X	X	See 6001.05	-
<b>ANALYTICAL</b>								
A R	GRAS in non-metal material-Doc	21 CFR 170-189 FDA Generally Recognized as Safe (GRAS) Guidelines/FDA Opinion / CPSD-AN-G00007-	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. It is acceptable for the client to submit either a FDA approval letter or, if there is information from FDA showing the material is acceptable, a guarantee letter indicating the material is the only food grade material used in the manufacturing process can also be accepted.	X	X	X	M (marble)	PASS



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	Evaluation	Citation / Method	Criteria	1 Star	2 Star	3 Star	Results	Rating
		STIP01 / CPSD-AN-G00007-STIP02 / CPSD-GB-00001-STIP03						
A R	Scrapable coatings on food contact areas	21 CFR 170-189 FDA Generally Recognized as Safe (GRAS) Guidelines / CPSD-AN-G00007-STIP02 / CPSD-AN-00002-STIP01	Scrapable coatings on the food contact area are prohibited. This includes all food contact products, including glass, plastic, metal, ceramic and wood. Excludes resinous and polymeric coatings that comply with 21 CFR 175.300.	X	X	X	NA	-
A R	Toxicological risk assessment in liquid and gel	16 CFR 1500.3(b)(5) and 1500.3(b)(7)-(9) / CPSD-AN-00033-MTHD	Sealed liquids and gels in food contact components or products that have the potential to accidentally leak into food or drinks, must not be toxic, skin irritant, eye irritant, corrosive, or a strong sensitizer. Toxicity risk assessment shall be conducted to substantiate the compliance of the regulation. Note: Products including but not limited to double walled cups and reusable ice cubes.	X	X	X	NA	-

Note 1: CPSD-AN-PTCL-06001.04-US will be offered to program client only.



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<b>Protocol Number</b>	CPSD-AN-06001.01-USA	<b>Version</b>	14
<b>Protocol Description</b>	PLASTIC FOOD CONTACT ARTICLE		
<b>Country</b>	United States		
<b>Scope</b>	This protocol covers the food grade tests for articles, which are made of plastic, intended to contact with food and beverage.		
<b>Creation Date</b>	12/Feb/2010	<b>Last Revision Date</b>	04/Jan/2017
<b>Client Approval Date</b>		<b>Approver</b>	
<b>No of Sample</b>	4	Additional sample may be requested if insufficient.	
<b>No of Working Days</b>	7		

Keys			
A	Additional Charge For This Test	M	Mandatory
R		R	Regulatory

	Evaluation	Citation / Method	No. of Samples	Criteria	Results	Rating
<b>SUPPLEMENTARY PROTOCOL</b>						
A M	California Proposition 65	CPSD-AN-PTCL-06572-USA	-	The sample should be reviewed against the requirements of California Proposition 65 to determine if additional testing or labeling is required. For samples that fall under the scope of CA Prop 65 requirements with testing limit(s) but does not contain appropriate labeling (refer to image appendix for detail), actual testing will be conducted. Otherwise, actual testing is not required and report as "Pass" if the sample contains appropriate labeling.	NA	-
<b>ANALYTICAL</b>						
A R	Resinous and polymeric coating	FDA 21 CFR 175.300 / CPSD-AN-00002-MTHD	-	Shall comply with FDA 21 CFR 175.300 requirements. Note: - No test for dry food. Dry food means no free fat or oil on the surface. - BPA-based epoxy resin coatings are not allowed to use in food contact packaging for infant formula.	M (See result)	PASS
A R	Acrylic and modified acrylic plastic	FDA 21 CFR 177.1010 / CPSD-AN-00002-MTHD	-	Shall comply with FDA 21 CFR 177.1010 requirements. Note: - No test for dry food. Dry food means no free fat or oil on the surface.	NA	-
A R	Closures with sealing gaskets	FDA 21 CFR 177.1210 / CPSD-AN-00002-MTHD	-	Closure-sealing gasket of closures shall comply with FDA 21CFR 177.1210 requirements. Note: - No test for dry food. Dry food means no free fat or oil on the surface. - Gaskets are only tested according to gasket requirements of FDA 21 CFR 177.1210. Vendor shall be	NA	-



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	Evaluation	Citation / Method	No. of Samples	Criteria	Results	Rating
				responsible for the compliance of the material requirements, unless testing of material is requested.		
A R	Ethylene vinyl acetate copolymers	FDA 21 CFR 177.1350 / CPSD-AN-00002-MTHD	-	Shall comply with FDA 21CFR 177.1350 requirements. Note: - Apply tests stated in 21CFR 177.1350 section (b)(1) only. - No test for dry food. Dry food means no free fat or oil on the surface.	NA	-
A R	Melamine-formaldehyde resins in molded articles	FDA 21 CFR 177.1460 / CPSD-AN-00002-MTHD	-	Shall comply with FDA 21CFR 177.1460 requirements. Note: - No test for dry food. Dry food means no free fat or oil on the surface.	NA	-
A R	Nylon resins or polyamide	FDA 21 CFR 177.1500 / CPSD-AN-00002-MTHD	-	Shall comply with FDA 21CFR 177.1500 requirements. Note: - Applicable to nylon resins stated in FDA 21 CFR 177.1500 section (b) table, except Nylon 6/12 resins in point 13.1 and 13.2, Nylon 6/69 resins in point 14 and Nylon resin PA 6-3-T in point 16.	NA	-
A R	Olefin polymers	FDA 21 CFR 177.1520 / CPSD-AN-00002-MTHD	-	Shall comply with FDA 21CFR 177.1520 requirements. Note: - Applicable to olefin polymers, including but not limited to polypropylene (PP) homopolymer, polypropylene (PP) copolymer and polyethylene (PE).	NA	-
A R	Polycarbonate resins	FDA 21 CFR 177.1580 / CPSD-AN-00002-MTHD	-	Shall comply with FDA 21CFR 177.1580 requirements. Note: - Apply tests stated in 21CFR 177.1580 section (c)(2) only. - Polycarbonate resins is not allowed to use in infant feeding bottles (baby bottles) and spill-proof cups including their closures and lids, designed to help train babies and toddlers to drink from cups (sippy cups).	NA	-
A R	Polyethylene phthalate polymers	FDA 21 CFR 177.1630 / CPSD-AN-00002-MTHD	-	Shall comply with FDA 21CFR 177.1630 requirements. Note: - Applicable to article with condition of use stated in 21CFR 177.1630 section (f), (g) and (i) only.	NA	-
A R	Polystyrene or rubber-modified polystyrene	FDA 21 CFR 177.1640 / CPSD-AN-00134-MTHD	-	Shall comply with FDA 21CFR 177.1640 requirements. Note: - Apply tests stated in 21CFR 177.1640 section (c) only.	NA	-
A R	Styrene block polymer	FDA 21 CFR 177.1810 / CPSD-AN-00002-MTHD	-	Shall comply with FDA 21CFR 177.1810 requirements. Note: - Apply solubility and maximum extractable fraction tests only.	NA	-
A R	Styrene-methyl methacrylate copolymer	FDA 21 CFR 177.1830 / CPSD-AN-00002-MTHD	-	Shall comply with FDA 21CFR 177.1830 requirements. Note: - No test for dry food. Dry food means no free fat or oil on the surface.	NA	-



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	Evaluation	Citation / Method	No. of Samples	Criteria	Results	Rating
A R	Urea-formaldehyde resins in molded articles	FDA 21 CFR 177.1900 / CPSD-AN-00002-MTHD	-	Shall comply with FDA 21CFR 177.1900 requirements. Note: - No test for dry food. Dry food means no free fat or oil on the surface.	NA	-
A R	Polyvinyl chloride	FDA 21 CFR 177.1975 (draft) / CPSD-AN-00099-MTHD	-	Shall comply with FDA 21CFR 177.1975 (draft) requirements.	NA	-
A R	Phenolic resins in molded articles	FDA 21 CFR 177.2410 / CPSD-AN-00427-MTHD	-	Shall comply with FDA 21CFR 177.2410 requirements. Note: - Applicable to repeated use articles in contact with non-acid food (pH above 5.0) only.	NA	-
A R	Crosslinked polyester resins	FDA 21 CFR 177.2420 / CPSD-AN-00002-MTHD	-	Shall comply with FDA 21CFR 177.2420 requirements. Note: - Applicable to repeated use articles or components of articles intended to contact with food. - No test for dry food. Dry food means no free fat or oil on the surface.	NA	-
A R	Polyoxymethylene copolymer	FDA 21 CFR 177.2470 / CPSD-AN-00002-MTHD	-	Shall comply with FDA 21CFR 177.2470 requirements. Note: - Applicable to both finished product and raw material. - Applicable to repeated use articles or components of articles intended to contact with food, but use temperature shall not exceed 250 °F. - No test for dry food. Dry food means no free fat or oil on the surface. - Apply tests stated in 21CFR 177.2470 section (d) only.	NA	-
A R	Polyoxymethylene homopolymer	FDA 21 CFR 177.2480 / CPSD-AN-00002-MTHD	-	Shall comply with FDA 21CFR 177.2480 requirements. Note: - Applicable to both finished product and raw material. - Applicable to repeated use articles or components of articles intended to contact with food, but use temperature shall not exceed 250 °F. - No test for dry food. Dry food means no free fat or oil on the surface. - Apply tests stated in 21CFR 177.2480 section (c)(3-4) and (d) only. - For finished product, apply density, melting point and soluble extractive tests only. - For raw material, apply density, melting point, formaldehyde release and soluble extractive tests only.	NA	-
A R	Rubber intended for repeated use	FDA 21 CFR 177.2600 / CPSD-AN-00002-MTHD	-	Shall comply with FDA 21CFR 177.2600 requirements. Note: - Not applicable to rubber nursing-bottle nipples.	NA	-
A R	Acrylonitrile copolymer and resins	FDA 21 CFR 181.32 / CPSD-AN-00155-MTHD	-	Shall comply with FDA 21CFR 181.32 requirements. Note: - Test acrylonitrile copolymer and resins with acrylonitrile less than 30% only.	NA	-



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	Evaluation	Citation / Method	No. of Samples	Criteria	Results	Rating
A R	Polyethersulfone resins	FDA 21 CFR 177.2440 / CPSD- AN-00002-MTHD	30g	Shall comply with FDA 21CFR 177.2440 requirements.	NA	-

Note 1: Testing charge per material per color.



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<b>Protocol Number</b>	CPSD-AN-06001.04-USA	<b>Version</b>	12
<b>Protocol Description</b>	WOOD FOOD CONTACT ARTICLE		
<b>Country</b>	United States		
<b>Scope</b>	This protocol covers the food grade tests for articles, which are made of wood, intended to contact with food and beverage.		
<b>Creation Date</b>	12/Feb/2010	<b>Last Revision Date</b>	13/Jan/2016
<b>Client Approval Date</b>		<b>Approver</b>	
<b>No of Sample</b>			
<b>No of Working Days</b>	7		

Keys			
A	Additional Charge For This Test	M	Mandatory
		R	Regulatory

	Evaluation	Citation / Method	No. of Samples	Criteria	Results	Rating
<b>SUPPLEMENTARY PROTOCOL</b>						
A M	California Proposition 65	CPSD-AN-PTCL-06572-USA	-	The sample should be reviewed against the requirements of California Proposition 65 to determine if additional testing or labeling is required. For samples that fall under the scope of CA Prop 65 requirements with testing limit(s) but does not contain appropriate labeling (refer to image appendix for detail), actual testing will be conducted. Otherwise, actual testing is not required and report as "Pass" if the sample contains appropriate labeling.	NA	-
<b>ANALYTICAL</b>						
A R	Wood GRAS evaluation	FDA Food Code 2013 4-101.17(A) and (B)/FDA Opinion / CPSD-AN-G00007-STIP01 / CPSD-GB-00001-MTHD		Wood and wood wicker may not be used as a food contact surface, except hard maple or an equivalently hard, close-grained wood that meets the FDA GRAS requirement. Note: - Oak and hickory are also considered hard, however, pine is not. - Client shall provide documentation of the type of wood.	M  (acacia wood)	PASS





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	Evaluation	Citation / Method	No. of Samples	Criteria	Results	Rating
A R	Untreated wood-Doc	FDA Food Code 2013 4-101.17(D)(1) / CPSD-GB-00001- MTHD		Guarantee letter should be provided to prove the wood(s) is/are untreated if it is used as container to hold the whole, uncut, raw food, which the nature of food requires removal of rinds, peels, husks or shells before consumption.	NA	-
A R	Preservatives for treated wood-Doc	FDA 21 CFR 178.3800/FDA Food Code 2013 4- 101.17(D)(2) / CPSD-GB-00001- MTHD		If treated wood is used as container to hold the whole, uncut, raw food, which the nature of food requires removal of rinds, peels, husks or shells before consumption, all ingredients for the treated wood shall be generally recognized as safe (GRAS) or listed in 21 CFR as a food additive ingredient, including 21 CFR 178.3800 for wood preservatives. If any preservatives were used during the manufacturing and/or handling of finished product, a guarantee letter shall be provided confirming that they comply with the appropriate sections of 21 CFR.	NA	-

Note 1: For program client only.



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<b>Protocol Number</b>	CPSD-AN-06001.05-USA-3 STAR		<b>Version</b>	23
<b>Protocol Description</b>	METAL METAL ALLOY ENAMEL FOOD CONTACT ARTICLE			
<b>Country</b>	United States			
<b>Scope</b>	This protocol covers the food grade tests for articles, which are made of metal, metal alloy and enamel, intended to contact with food and beverage.			
<b>Creation Date</b>	12/Feb/2010	<b>Last Revision Date</b>	05/May/2017	
<b>Client Approval Date</b>		<b>Approver</b>		
<b>No of Sample</b>	1	Additional 2 pcs for GRAS evaluation. Additional 6 pcs for extractable lead and cadmium in silver plated hollowware/tableware. Additional sample may be requested if insufficient.		
<b>No of Working Days</b>	7	TAT: 12 day for GRAS evaluation		

Keys					
A	Additional Charge For This Test	M	Mandatory	R	Regulatory

	Evaluation	Citation / Method	Criteria	1 Star	2 Star	3 Star	Results	Rating
<b>SUPPLEMENTARY PROTOCOL</b>								
A M	California Proposition 65	CPSD-AN-PTCL-06572-USA	The sample should be reviewed against the requirements of California Proposition 65 to determine if additional testing or labeling is required. For samples that fall under the scope of CA Prop 65 requirements with testing limit(s) but does not contain appropriate labeling (refer to image appendix for detail), actual testing will be conducted. Otherwise, actual testing is not required and report as "Pass" if the sample contains appropriate labeling.	X	X	X	NA	-
<b>LABELING</b>								
A R	Tableware marking	California health and safety code section 108870	All tableware items distributed in the State of California with lead or cadmium intentionally added or which are unintentionally contaminated must be permanently and indelibly marked with the name, or if the item is too small, a registered trademark, of the manufacturer or importer. Tableware is defined as glazed ceramic, enamel metalware, or pewter article, container, or utensil which may be used in the preparation, serving, or storage of food or drink. Note: - Tableware with lead or cadmium detected in the interior test (refer results of extractable lead and cadmium in tableware test line) must be labeled. - The marking is not required if lead and cadmium are not detected. - Results from the lip and rim extraction test and the exterior decoration test are not evaluated for	X	X	X	NA	-



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	Evaluation	Citation / Method	Criteria	1 Star	2 Star	3 Star	Results	Rating
			this marking requirement.					
<b>ANALYTICAL</b>								
A R	Extractable lead and cadmium in silver plated hollowware	FDA CPG 7117.05 and 7117.06 / AOAC 973.32 (2007) / CPSD-AN-00012-MTHD	Silver plated articles shall not contain extractable lead (Pb) and cadmium (Cd) exceed the following limits: Cadmium (Cd): 0.25 ppm (mg/L) (Any one of 6 units for Large hollowware) 0.5 ppm (mg/L) (Any one of 6 units for Small hollowware/Cups/Mugs) 0.5 ppm (mg/L) (Average of 6 units for Flatware) Lead (Pb): 7.0 ppm (mg/L) (Average of 6 units for article intended for use by adult) 0.5 ppm (mg/L) (Any one of 6 units for article intended for use by infants and children) Note: - Test only food contact surfaces intended to hold liquid. No test is required for spoon and fork. - Cadmium (Cd) limit in pitchers refer to the limit of small or large hollowware. - Cadmium (Cd) limits are with reference to CPG 7117.06.	X	X	X	NA	-
A R	Lead in pewter alloy	FDA Food Code 2013 4-101.13(B) / CPSD-AN-00007-MTHD	Shall not exceed 0.05% in food contact surfaces.	X	X	X	NA	-
A R	Lead in solder and flux	FDA Food Code 2013 4-101.13 (C) / CPSD-AN-00007-MTHD	Shall not exceed 0.2% in food contact surfaces.	X	X	X	NA	-
A R	GRAS evaluation	21 CFR 182 / ASTM E1086-14 / ASTM E415-15 / CPSD-GB-00003-MTHD / CPSD-AN-00295-MTHD	Metal intended to come into contact with food shall meet FDA GRAS requirement. Metal composition is conducted and evaluated if it is GRAS.	X	X	X	M (See result)	PASS
A R	Extractable lead and cadmium in tableware	California health and safety code section 108860 / AOAC 973.32 (2007) / ASTM C738-94(R2016) / CPSD-AN-00011-MTHD	Enamel metalware or pewter articles shall not contain extractable lead (Pb) and cadmium (Cd) exceed the following limits: Cadmium (Cd): 0.25 ppm (mg/L) (Any one of 6 units for Large hollowware) 0.5 ppm (mg/L) (Any one of 6 units for Small hollowware/Cups/Mugs) 0.5 ppm (mg/L) (Average of 6 units for Flatware) Lead (Pb): 1.0 ppm (mg/L) (Any one of 6 units for Large hollowware) 2.0 ppm (mg/L) (Any one of 6 units for Small hollowware)	X	X	X	NA	-



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	Evaluation	Citation / Method	Criteria	1 Star	2 Star	3 Star	Results	Rating
			0.5 ppm (mg/L) (Any one of 6 units for Cups/Mugs/Pitchers) 3.0 ppm (mg/L) (Average of 6 units for Flatware) Note: - Conduct test on all food contact surfaces. - Cadmium (Cd) limit in pitchers refer to the limit of small or large hollowware.					

Note 1:

According to FDA 2013 Food Code,

- a. 4-101.12, Cast Iron may not be used for utensils or food contact surfaces of equipment except it may be used as a surface for cooking or used in utensils for serving food if the utensils are used only as part of an uninterrupted process from cooking through service.
- b. 4-101.14, Copper and copper alloys such as brass may not be used in contact with food that has a pH below 6 such as vinegar, fruit juice, or wine or for a fitting or tubing installed between a backflow prevention device and a carbonator. It may be used in contact with beer brewing ingredients that have a pH below 6 in the prefermentation and fermentation steps of a beer brewing operation such as a brewpub or microbrewery.
- c. 4-101.15, Galvanized metal may not be used for utensils or food contact surfaces of equipment that are used in contact with acidic food.
- d. 4-101.18, Nonstick coating, kitchenware such as frying pans, griddles, sauce pans, cookie sheets and waffle bakers that have a perfluorocarbon resin coating shall be used with nonscoring or nonscratching utensils and cleaning aids.



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**COST PLUS SUPPLEMENTAL TEST PROTOCOL FOR**  
**CSTP-06572-US**  
**CALIFORNIA PROPOSITION 65 (V21)**

<b>Product</b>	<b>Citation/Method</b>	<b>Test Requirements</b>	<b>Warning Statements</b>	<b>Results / Rating</b>
<p>NOTE: Please notify Bureau Veritas if you have any settlements that are different from the requirements listed below.</p> <p><b>Note:</b>            All Jewelry submissions shall be tested as adult jewelry.</p> <p><b>All jewelry submissions must be tested to the CPWM client specific protocol below with the exception Phthalates which should be tested to the standing BV CPSD Proposition 65 protocol for Phthalates in Key Chains and Jewelry and for Cadmium which is tested to the Cadmium Content in Jewelry.</b></p> <p>Any questions regarding <u>age grading</u> for jewelry should be emailed to QA@cpwm.com with product testing put on hold until QA@cpwm.com responds with direction for testing.</p> <p>Any product made of Brass that does not fall under a current CA Prop 65 test line or the attached CPWM Client Specific protocol requires that Cost Plus QA (<b>QA@cpwm.com</b>) be contacted for testing instruction</p> <p>Contact the Program Manager with questions.</p>				
<b><u>Product</u></b>	<b><u>Citation/Method</u></b>	<b><u>Test Requirements</u></b>	<b><u>Warning Statements</u></b>	<b><u>Results / Rating</u></b>



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**CSTP-06572-US  
 CALIFORNIA PROPOSITION 65 (V21)**

Product	Citation/Method	Test Requirements	Warning Statements	Results / Rating										
<p>1. Food and Beverage Use Products – products that may not hold food/drink but contact it (e.g., spigot) – Decorated or Undecorated</p> <p>Not including ceramic, glass and paper. Ceramic and glass must comply with other requirements in MC-6572.</p> <p>Includes all other materials, such as, but not limited to, metal, plastic, wood, and stone. (Cost Plus Requirement)</p>	<p>FDA CPG 7117.07-95 and 7117.06-95 modification; ASTM C738-94 (R2016) modification</p> <p>Cost Plus Requirement</p>	<p>Product intended to come in contact with food or liquid shall meet the following limits for extractable lead and cadmium or contain the CA Prop 65 warning.</p> <p>Method Modification: Individual components of products should be totally immersed in as little test solution (4% acetic acid) as possible and the most appropriate category (based on the total volume of acid added) should be used to determine compliance. Compositing of different materials is not allowed.</p> <p>LEAD:</p> <table border="0"> <tr> <td>Flatware</td> <td>0.226 ppm</td> </tr> <tr> <td>Hollowware</td> <td>0.100 ppm</td> </tr> </table> <p>CADMIUM:</p> <table border="0"> <tr> <td>Flatware</td> <td>1.853 ppm</td> </tr> <tr> <td>Small Hollowware</td> <td>0.189 ppm</td> </tr> <tr> <td>Large Hollowware</td> <td>0.049 ppm</td> </tr> </table> <p>Note: Per method, 6 samples should be tested</p> <p>Client Requirement = extending the scope of the requirements to include these product materials.</p>	Flatware	0.226 ppm	Hollowware	0.100 ppm	Flatware	1.853 ppm	Small Hollowware	0.189 ppm	Large Hollowware	0.049 ppm	<p>– NO SPECIFIC WARNING LANGUAGE. - At a minimum Prop 65 Warning shall state.</p> <p><b>PROP 65 WARNING - Use of this product will expose you to lead and or cadmium, chemicals known to the State of California to cause birth defects or other reproductive harm.</b></p>	<p>M/PASS (See result)</p>
Flatware	0.226 ppm													
Hollowware	0.100 ppm													
Flatware	1.853 ppm													
Small Hollowware	0.189 ppm													
Large Hollowware	0.049 ppm													



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**CSTP-06572-US  
 CALIFORNIA PROPOSITION 65 (V21)**

Product	Citation/Method	Test Requirements	Warning Statements	Results / Rating
2. Phthalate content in food or beverage use products	Solvent extraction, GC-MS/LC-MS analysis / CPSD-AN-00095-MTHD / CPSD-AN-00143-MTHD	<p>[Food or beverage use products tested to the CPWM 6000 series of protocols.]</p> <p>The following accessible plastics materials, plasticizer print, scrapable surface coatings, decals, polymeric coated materials (unscrapable), adhesives and sealants (exclude adhesive for stickers), on food or beverage products shall not contain concentrations of more than 0.1% (1000 mg/kg) DEHP, DBP, DINP, and BBP individually.</p> <p>Vendor shall be responsible for the compliance of all other accessible materials.</p> <ul style="list-style-type: none"> <li>a. Poly vinyl chloride (PVC)</li> <li>b. Poly vinylidene chloride (PVDC)</li> <li>c. Poly vinyl acetate (PVAc)</li> <li>d. Poly urethane (PU)</li> <li>e. Ethylene propylene diene monomer rubber (EPDM)</li> <li>f. Ethylene vinyl acetate (EVA)</li> <li>g. Other foam plastics (except polyolefins)</li> <li>h. Natural and synthetic rubber</li> <li>i. Silicone</li> <li>j. Thermoplastic elastomers (TPEs)</li> <li>k. Plastic materials other than polyolefins with shore A hardness &lt; 90</li> </ul> <p>In case of insufficient material for testing found on number of samples specified in the protocol, vendor needs to provide components/parts for testing.</p> <p>Report actual results or include data table within report.</p>	<p>– NO SPECIFIC WARNING LANGUAGE. - At a minimum Prop 65 Warning shall state.</p> <p><b>PROP 65 WARNING - Use of this product will expose you to DEHP, DBP, DINP and or BBP, phthalates known to the State of California to cause birth defects or other reproductive harm.</b></p>	<p>M/PASS (See result)</p>



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**CSTP-06572-US  
 CALIFORNIA PROPOSITION 65 (V21)**

Product	Citation/Method	Test Requirements	Warning Statements	Results / Rating
		Component testing is allowed. Compositing up to 3 like materials is allowed. If the composite result exceeds the adjusted limit (regulatory limit divided by the number of components) and ON REQUEST, individual materials will be analyzed.  Client Requirement		

No. Of Samples Required For Complete Testing:	6
No. Of (Fully Packed) Cartons For Transit Testing:	1
No. Of Working Days For Complete Testing:	7

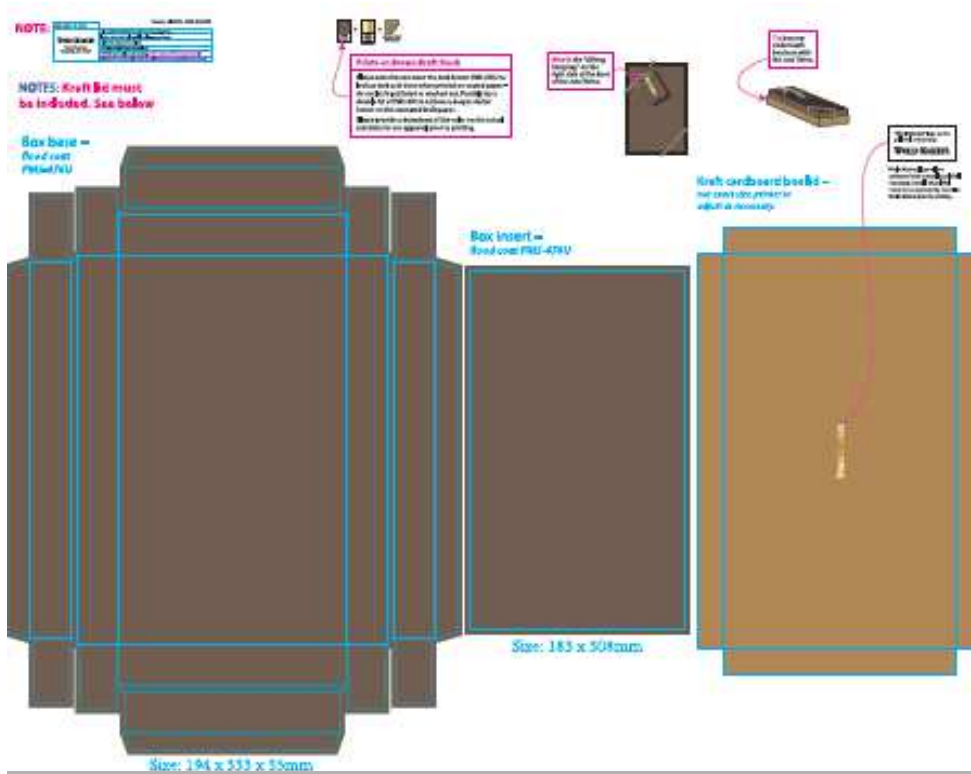
See MC-6572 for sample size

Client Approval: NOVEMBER 08, 2016/ Keith Hooper  
 Creation Date: MARCH 10, 2004  
 Editorial Revision Date: OCTOBER 20, 2016  
 Pricing Review Date: MAY 31, 2005  
 Technical Review Date:





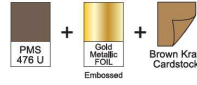
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**NOTE:**

DATE: 6/26/17	BY: Ph
<b>WORLD MARKET.</b> Cost Plus, Inc. Alameda CA 94501	
FILE NAME: 548975 Cheese Serving Set_HT_PB1.ai	
INKS: PMS 476U	
SIZE: See below	
PAPER STOCK: Brown Kraft Cardstock Stock, 100-110lb cover (270-300gsm)	
NOTES: Cyan dieline does not print. Match Pantone (PMS) swatches exactly!	
<b>IMPORTANT: Send color proof to World Market for approval before printing.</b>	



Vendor: LIVEON  
SKU: 548975

4.25" x 2"

Perforation



**Prints on Brown Kraft Stock**

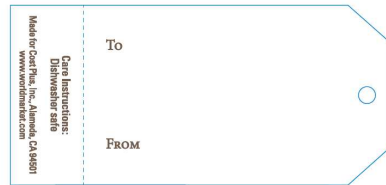
Please note that we want the dark brown PMS 476U to look as dark as it does when printed on coated paper - do not let it get faded or washed out. Possibly try a double hit of PMS 476 to achieve a deeper darker brown on the uncoated paper.

Please provide a drawdown of the color on the actual substrate for our approval prior to printing.

"World Market" logo will be embossed with a metallic gold foil hot stamp. Sample of gold foil needs to be approved by Cost Plus World Market prior to printing.

"World Market" logo art for gold foil embossing:

**WORLD MARKET.**





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Vendo Name:		Liveon Industrial Co.,Ltd					
CPWM Vendor # :		248218					
Picture	SKU #	Item Description	Material / Finish	Vendor Suggested Partial Test	QA Comments	QA Comments	QA Comments
	548975	Marble board with 3 cheese knives	Board: marble and acacia board Knife:420J2 S/S blade with non-stick coating,chinese oak handle	FDA		NS 6/19/2017 - Please submit <b>Board + Middle Knife for Full Testing</b>  Left & Right knife, no test	NS 6/29/2017 - Agree to Partial Testing <b>submit Board + Middle Knife</b>  <b>Prop 65 Food Contact</b>