

REPORT

Technical Report: (5106)151-0190

Page 1 of 1
June 14, 2006



Index

Cover	1 Page
Report	2 Pages
Protocol	6 Pages
1 Exhibit	1 Page
Other	N/A



Technical Report: (5106)151-0190
Date Received: May 31, 2006

June 14, 2006
Page 1 of 2

RICHARD HO
ZHEN HUA TRADING LTD
ROOM 2003, 20/F., CC WU BLDG
302-308 HENNESEY ROAD
WAN CHAI
HONG KONG

FAIL

Sample Description:	SAFeway CHARCOAL BRIQUETS COMPARISON		
Vendor:	ZHEN HUA TRADING LTD	SKN/SKU No.:	N/A
Manufacturer:	N/A	PO No.:	N/A
Buyer:	N/A	Ref #:	N/A
UPC Code:	21130-54115	Country of Origin:	UNITED STATES
Sample Size:	2	Assortment No.:	N/A
Style No(s):	N/A		

EXECUTIVE SUMMARY:

At the request of the client, the submitted sample was evaluated per the applicable sections of Bureau Veritas Consumer Products Services test protocol MC-4352-US, Charcoal, and MC-6572-US, California Prop 65

The Sample **DOES NOT MEET** the following section(s) of Bureau Veritas Consumer Products Services test protocol MC-4352-US, Charcoal, and MC-6572-US, California Prop 65

Labeling

- Sample does not provide necessary warning statement for California Prop 65 per MC-6572-US

Packaging

- 5 inch excessive thread hanging from top of packaging, (See exhibit)

Note: The Safeway charcoal compares in all performance areas tested to the Kingsford and BBQ Master products

All data from the Kingsford and BBQ Master products were transferred from report 5105-237-0032

Bureau Veritas
Consumer Products Services, Inc.

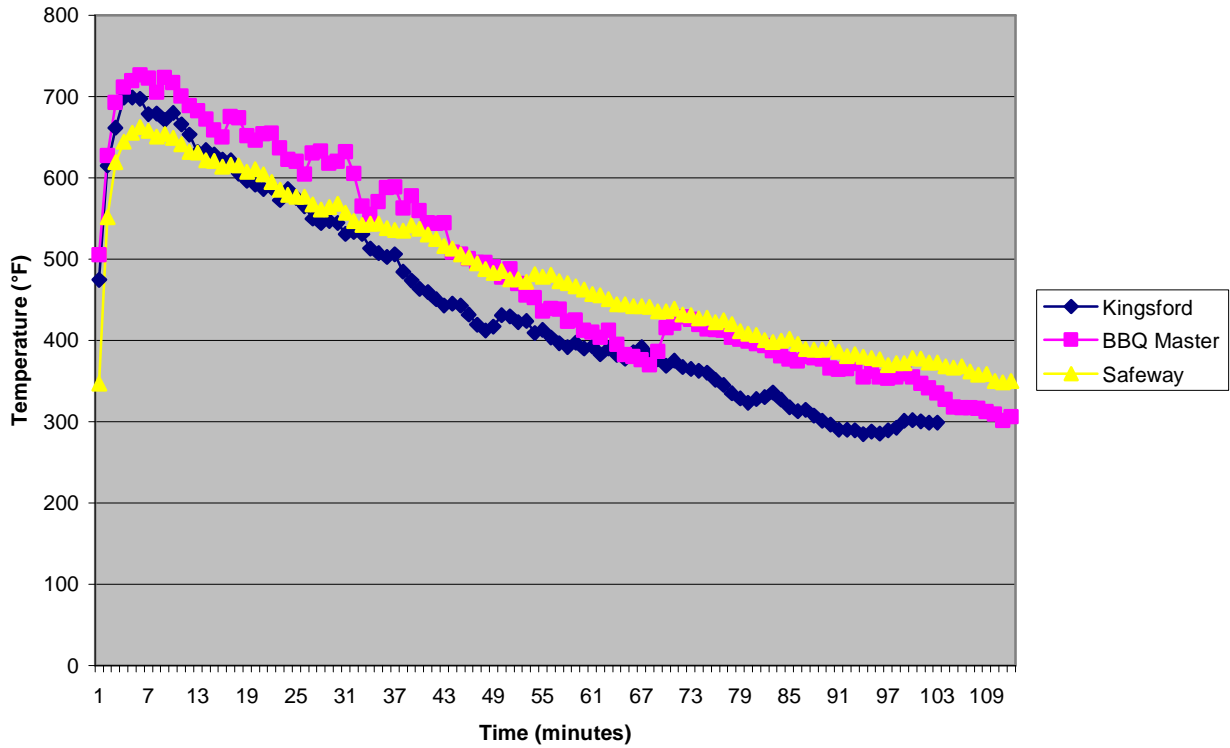
William R. Hartke, Sr.
Associate Product Test Engineer,
Hardlines Department
bill.hartke@us.bureauveritas.com

/kv



RESULTS:

Temperature Vs. Time - Regular Charcoal
(5106)151-0190





**BUREAU
VERITAS**

BV Lab Number: 5106-151-0190
 Technician Name: Scott
 Test Date: June 12, 2006
 Reviewed By/Date: BH June 13, 2006

BUREAU VERITAS TEST PROTOCOL FOR
MC-4352-US
Charcoal Briquets

Evaluation	Citation/Method	No. Samples	Criteria	Results Kingsford	BBQ Master	Safeway	Rating
SUPPLEMENTAL PROTOCOLS							
*CA Prop 65 Upon Request	Applicable Section from Protocol MC-6572-US	1	The sample shall be reviewed against the requirements of California Proposition 65 to determine if additional testing or labeling is required.	NT	NT	NM California Prop 65 warning not provided	FAIL
LABELING							
**Fair Packaging and Labeling Act	F.P. & L. Act (16 CFR 500)	1	Manufacturer, packer, or distributor's name & address (City, state & zip)	Kingsford Manufacturing Co.	NT	Safeway Inc. P.O. Box 99 Pleasanton, CA 94566	PASS
			Product identification	Charcoal Briquets	Charcoal Briquets	Charcoal Briquets Fast Lighting	PASS
			Net quantity of contents shall be expressed in terms of weight or mass, measure, numerical count, or combination so as to give accurate information to facilitate consumer comparison (U.S. and Metric units).	M	M	M	PASS
**Country of Origin Marking	19 CFR 134.11	1	Shall indicate country of origin legibly, permanently, and in comparable size and close proximity to any mention of country other than country in which the article was manufactured or produced. Must be visible at point of purchase.	USA	China	Product of China	PASS
Warnings	16 CFR 1500	1	Must have pictogram warning with text: "CARBON MONOXIDE HAZARD" Burning charcoal inside can kill you. It gives off carbon monoxide, which has no odor. NEVER burn charcoal inside homes, vehicles or tents.	M	M	M	PASS
Use Labeling	H-1057	1	Use / care instructions that are clear and understandable shall be provided in language appropriate to destination countries.	M	M	M	PASS



BUREAU
VERITAS

BV Lab Number: 5106-151-0190
 Technician Name: Scott

MC-4352-US
 Charcoal Briquets

Evaluation	Citation/Method	No. Samples	Criteria	Results Kingsford	BBQ Master	Safeway	Rating
Verify Label claims	H-1057 / H-1058	1	Must comply with all claims	M	M	M	PASS
** Emissions Documentation Review - Volatile Organic Compounds - US - Charcoal Lighter Material	SCAQMD Rule 1174	1	<p>Certification documentation must be supplied and must state that the material in question complies with the South Coast Air Quality Management District (SCAQMD) Rule 1174. This rule states that VOC emissions resulting from the ignition are less than or equal to 0.02 pound (9.0718 grams) of VOC per start. Certification must include product formulation and test results of certification.</p> <p>The product must clearly indicate on the container that it complies with the Rule and shall describe the proper uses for the product. This requirement can be satisfied by affixing a sticker or label on the container.</p> <p>Report discrepancies.</p> <p>Note: Reformulation of a barbecue charcoal ignition material shall require recertification.</p>	NT	NT	NA Not instant charcoal	-



BUREAU
VERITAS

BV Lab Number: 5106-151-0190
Technician Name: Scott

MC-4352-US
Charcoal Briquets

Evaluation	Citation/Method	No. Samples	Criteria	Results Kingsford	BBQ Master	Safeway	Rating
** Emissions Documentation Review - Volatile Organic Compounds - US - Charcoal Lighter Material	40 CFR 59.203	1	<p>This rule states that VOC emissions resulting from the ignition are less than or equal to 9 grams (0.0198 pound) of VOC per start. Must comply with the certification and labeling requirements.</p> <p>Certification documentation must be supplied and must state that the material in question complies. This regulation states that VOC emissions resulting from the ignition are less than or equal to 9 grams of VOC per start. Certification must include product formulation and test results of certification.</p> <p>The product shall clearly indicate on the container that it complies with the Rule and shall describe the proper uses for the product. This requirement can be satisfied by affixing a sticker or label on the container.</p> <p>Report discrepancies.</p> <p>Note: Reformulation of a barbecue charcoal ignition material shall require recertification.</p>	NT	NT	N/A	-



**BUREAU
VERITAS**

BV Lab Number: 5106-151-0190
 Technician Name: Scott

**MC-4352-US
Charcoal Briquets**

Evaluation	Citation/Method	No. Samples	Criteria	Results Kingsford	BBQ Master	Safeway	Rating
PACKAGING							
Seal (Sewn / Glued)	H-1057	1	Sewing / Glue shall be complete and secure. No excess threads, tape, or glue.	M	M	NM 5 inch thread hanging from top of seal. (See exhibit)	FAIL
Date Code / Lot Number	H-1057	1	Shall indicate a coded system for traceable lots.	M440721S0650	0502BM10IbC	B030403099	PASS
PHYSICAL CHARACTERISTICS							
Percent Volatile (%)	ASTM D1762-84 (R2001) / Standard Test Method for Chemical Analysis of Wood Charcoal	1	Before / After dry carbon weight comparison.	82.4%	68.3%	72.2%	-
Percent Moisture (%)	ASTM D1762-84 (R2001)	1	Before / After weight comparison.	3.9%	2.1%	4.4%	-
Percent Ash (%)	ASTM D1762-84 (R2001)	1	Before / After weight comparison.	17.6%	15.7%	23.2%	-
Average Weight per Briquette (Oz.) HL-017	H-1056	1	Report average weight per briquette.	26.5 g	28.1 g	32.1 g	-
Dimensions / Surface Area (L x W) (In.) HL-215	H-1056	1	Length / Width shall agree with label claims. Briquets shall exhibit uniform size.	3.39 sq in	3.29 sq in	3.65 sq in	-
Thickness (mm) HL-215	H-1056	1	Thickness shall agree with label claims. Briquets shall exhibit uniform size.	1.05 in	1.15 in	0.98 in	-
CONSTRUCTION & WORKMANSHIP							
Quality of Fresh Briquets	H-1057	1	Describe: Color, shine, uniformity of surface, wood dust, if present.	Black square with shiny specs	Black dull square	Black square with shiny specs	-
Defects of Fresh Briquets	H-1057	1	Shall be no cracks, visible wood, missing chunks, pits, and foreign material.	M	M	M	PASS
Odor of Fresh Briquets	H-1057	1	No strong odor.	M	M	M	PASS



**BUREAU
VERITAS**

BV Lab Number: 5106-151-0190
 Technician Name: Scott

**MC-4352-US
Charcoal Briquets**

Evaluation	Citation/Method	No. Samples	Criteria	Results Kingsford	BBQ Master	Safeway	Rating
PERFORMANCE							
Functionality	H-1058	All	Shall function as intended. Report details of evaluation (Materials used / features tested / consumables / method / etc.)	M See below	M See below	M See below	PASS
Ease of Ignition	Pour 90mL of lighter fluid over 2 Lbs. of charcoal in a Weber 14" diameter charcoal grill with the room temperature between 75 °F - 80 °F. Wait 1 min. then ignite charcoal. (For self starter briquets, do not use lighter fluid)	1	Shall ignite using 1 to 3 matches.	M	M	M	PASS
Ash over	H-1057	1	Report time to 100% ash over in 5 min. intervals.	5 min – 0% 10 min – 21% 15 min – 72% 20 min – 100% 25 min – 100% 30 min – 100%	5 min – 0% 10 min – 32% 15 min – 78% 20 min – 86% 25 min – 100% 30 min – 100%	5 min – 0% 10 min – 35% 15 min – 45% 20 min – 70% 25 min – 90% 30 min – 100%	-
Time Above 400°F HL-12	Burn Test (Data Acquisition Unit) / Heat Temperature Probe	1	Time above 400°.	58 min See attached graph	81 min See attached graph	83 min See attached graph	-
Smoke Generation	H-1057	1	Shall be no excessive smoke.	M	M	M	PASS



BUREAU
VERITAS

Key:

* Additional Charge For This Test ** Mandatory Requirement

Results Key:

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

No. Of Samples Required For Complete Testing:	1
No. Of (Fully Packed) Cartons For Transit Testing:	1
No. Of Working Days For Complete Testing:	10

BV Lab Number: 5106-151-0190
Technician Name: Scott

Creation Date: June 25, 2001
Editorial Revision Date: November 30, 2005
Pricing Review Date: February 28, 2006
Technical Review Date:

EXHIBIT #1

