

#### PLATINUM SALES PROMOTION

35-14 Crescent Street Astoria, NY 11106

Attn: Bruce Cappels



TEST REPORT No: 2442607PP01

**DATE: 24 JUNE 2011** 

SAMPLE(S) SUBMITTED

BY CLIENT AS:

One (1) shipper identified as Spirited Shipper, 12 Bottle Box #SS12

DATE OF RECEIPT:

15 June 2011

**TEST PERIOD:** 

23 June 2011

TEST(S) REQUESTED:

The shipper was subjected to Random Vibration with Top Load, Random Vibration without Top Load and Free Fall Drop Tests in accordance with ISTA General Simulation

Performance Test Procedure 3A for packages weighing 150 pounds or less.

**TEST RESULTS:** 

The shipper tested has satisfied ISTA General Simulation Performance Test Procedure

PREPARED BY:

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Test Engineer, Packaging Lab

bm

SIGNED FOR AND ON BEHALF OF SGS U.S. TESTING COMPANY INC.:

Jason Sherrier, CPLP Lab Manager, Packaging Lab

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#### **MATERIALS TESTED**

Manufacturer

**Platinum Promotions** 

Style

RSC

Size Contilionto 17" x 12-3/4" x 16-5/8" (O.D.)

Certificate

48 lb/in ECT (said to be)

Corrugations

Vertical BC Flute

Facings

Kraft / Kraft / Kraft (visual exam only)

Mfr's Joint Identification Glued

Printing

Spirited Shipper, 12 Bottle Box #SS12 www.spiritedshipper.com

RPT, H-Pattern

Closure Weight

42 pounds

## **EQUIPMENT USED**

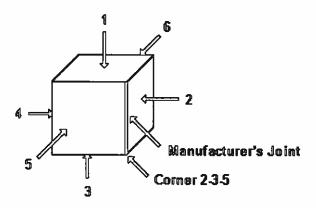
Vibration (Random)

#051-86

**Drop Tester** 

#051-116

Please Note: Prior to actual testing the shipper's faces, edges and corners were identified as follows:



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TEST(S) PERFORMED

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## **Atmospheric Preconditioning**

The shipper was tested at ambient conditions of 73°F @ 50% RH for 24 hours.

# Free Fall Drop Test (1st Sequence)

The shipper was subjected to 9 free fall drops from a height of 18 inches in the following orientations:

Drop 1	Edge 3-4
Drop 2	Edge 3-6
Drop 3	Edge 4-6
Drop 4	Corner 3-4-6
Drop 5	Corner 2-3-5
Drop 6	Edge 2-3
Drop 7	Edge 1-2
Drop 8	Face 3 (At twice the specified height)
Drop 9	Face 3 (At the specified height)

### **Dynamic Load - Random Vibration Test (TL1)**

Upon completion of the Free Fall Drop the package was placed on the center of the vibration table so that **Face 3** rests on the platform. A top load of **70** pounds was positioned on top of the shipper and together they were subjected to random vibration from 1 to 200 Hz @ 0.53 Grms for a period of 60 minutes.

#### Dynamic Load – Random Vibration Test (TL2)

Upon completion of the first Top Load Vibration Test (TL1) the package was placed on the center of the vibration table so that **Face 4** rests on the platform. A top load of **95** pounds was positioned on top of the shipper and together they were subjected to random vibration from 1 to 200 Hz @ 0.53 Grms for a period of 30 minutes.

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**TEST(S) PERFORMED - CONTINUED** 

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## **Dynamic Load – Random Vibration Test (TL3)**

Upon completion of the second Top Load Vibration Test (TL2) the package was placed on the center of the vibration table so that **Face 6** rests on the platform. A top load of **70** pounds was positioned on top of the shipper and together they were subjected to random vibration from 1 to 200 Hz @ 0.53 Grms for a period of 30 minutes.

### Random Vibration Test (No Top Load)

Upon completion of the third Top Load Vibration Test (TL3) the package was positioned on the center of the vibration table so that **Face 3** again rests on the platform and was subjected to random vibration from 1 to 200 Hz @ 0.46 Grms for a period of 30 minutes.

## Free Fall Drop Test (2<sup>nd</sup> Sequence)

Upon completion of the No Top Load Vibration Test the shipper was subjected to 8 additional free fall drops from a height of 18 inches in the following orientations:

Drop 10	Edge 3-4
Drop 11	Edge 3-6
Drop 12	Edge 1-5
Drop 13	Corner 3-4-6
Drop 14	Corner 1-2-6
Drop 15	Corner 1-4-5
Drop 16	Face 4 (At twice the specified height)
Drop 17	Face 3 (At the specified height on Hazard)

Testing is now complete.

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#### RESULTS OF TESTS

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Examination of the shipper upon completion of the test cycle revealed no damage to the product and that the packaging should continue to provide adequate protection for further handling.

The indications are that the packaged product as tested is adequately protected for shipment via Small Parcel Service distribution and has met the requirements of the International Safe Transit Association's General Simulation Performance Test Procedure 3A for packages weighing 150 pounds or less. However, it should be borne in mind that the results obtained by testing one package of a kind should not be considered conclusive.

We trust the results will prove useful and informative. Should you have any questions, please feel free to contact us.

End of Report

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