



**BUREAU
VERITAS**

Technical Report: (9620) 105-0405
Date Received: APRIL 16, 2020

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UNION WINNER INTERNATIONAL CO., LTD
BLOCK B17, NO.7 STREET, TAN DO INDUSTRIAL PARK, BINH TIEN 2 HAMLET, DUC HOA HA COMMUNE,
DUC HOA DISTRICT, LONG AN PROVINCE VIETNAM . ZIP CODE : 854000

Sample Description:	28X15MM STEEL BOTTOM RAIL, SIZE: 22.5", QTY: 1 PCS. 1" ALUMINUM MINI BLIND, SIZE: 35"X48", QTY: 1 PCS. 1" ALUMINUM SLAT, SIZE: 22.5", QTY: 6 PCS
Vendor:	UNION WINNER INTERNATIONAL CO., LTD Sample Size: /
Manufacturer:	/
Buyer:	VPN: /
Agent:	SKN/SKU No.: /
Labeled Age Grade:	/
Appropriate Age Grade:	PO No.: /
Client Specified Age Grade:	Ref #: /
Tested Age Grade:	Country of Origin: /
UPC Code:	Assortment No.: /
Phase of Production:	Department No.: /
Color:	ITEM#: /
Program:	Date of Production: /
Previous No:	Model/Style#: / Country of Destination: /

TEST:

- | | |
|----------------------------------------------------|--------------------------------------------|
| 1. CPSIA Total Lead Content In Substrate Materials | 3. UL 94 - Horizontal Burn. Classification |
| 2. Inner cords | Flammability Testing |

EXECUTIVE SUMMARY:

The sample(s) MEETS the following requirement(s):

1. The total lead content of 100ppm requirements in substrate materials (Consumer Products Safety Improvement Act (CPSIA) of 2008).
2. The requirements of ANSI/WCMA A100.1-18 Sec. 4.5, Inner cords

The sample(s) was tested to the following requirement(s) and the data provided is for informational purposes only:

3. The UL 94 - horizontal burn. classification flammability testing requirements of the client's specification.

Note(s):

- This report includes the test result(s) which was conducted & reviewed by Analytical department.



If there is any question regarding this report, please contact the following lab personnel:

Administrative inquiries, please contact:

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BUREAU VERITAS CONSUMER PRODUCTS SERVICES (VN) LTD.

TERRY NGUYEN
AUTHORIZED REPORT APPROVER – HARDLINE, TOYS & JUVENILE PRODUCTS DIVISION



SAMPLE DESCRIPTION ASSIGNED BY LABORATORY

Test Item(s)	Sample description/ Location	Material	Style(s)
I001	Slats 1	Metal	-
I002	Head rail	Metal	-
I003	Head rail End cap	Hard Plastic	-
I004	Bottom rail 1	Metal	-
I005	Bottom rail end cap 1	Hard Plastic	-
I006	Bottom rail 2	Metal	-
I007	Bottom rail end cap 2	Hard Plastic	-
I008	Wand stem	Hard Plastic	-
I009	Slats 2	Metal	-
I010	Screw	Metal	-
I011	Mounting bracket	Metal	-
I012	Cord	Textile	-

TEST RESULT

**Total Lead Content in Substrate:
 - Consumer Product Safety Improvement Act (CPSIA) of 2008**

Test Method : U.S. CPSC-CH-E1001-08.3 / EPA 3050B Modified (For Metal)
 U.S. CPSC-CH-E1002-08.3 / EPA 3051 / EPA 3052 Modified (For Non-Metal)

Maximum Allowable Limit :	100 mg/kg
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-	Unit	Result					
Test Item(s)	-	I001	I002	I003	I004	I005	I006
Parameter	-	-	-	-	-	-	-
Total Lead (Pb)	mg/kg	ND	ND	ND	ND	ND	ND
Conclusion	-	PASS	PASS	PASS	PASS	PASS	PASS

-	Unit	Result					
Test Item(s)	-	I007	I008	I009	I010	I011	I012
Parameter	-	-	-	-	-	-	-
Total Lead (Pb)	mg/kg	ND	ND	ND	ND	ND	-
Conclusion	-	PASS	PASS	PASS	PASS	PASS	NA

Note / Key :

ND = Not detected
 NA = Not applicable
 mg/kg = milligram(s) per kilogram = ppm = part(s) per million
 10000 mg/kg = 1 %
 Detection Limit (mg/kg) : 10

">" = Greater than
 % = percent

UL 94 Datasheet Section 12- Horizontal Foam Classification Description: 1" Aluminum Mini-Blind 0.4mm thick							
Sample	Afterflame (sec)	Afterflame +Afterglow (sec)	Damaged length of each rod (mm)	Ignition of cotton batting (Y/N)	Burn Rate (mm/min)	Did afterflame/ afterglow extinguish before 125mm (Y/N)	Overall Classification (HF-1, HF-2, HBF)
Conditioning according to 6.1 (2 days)							
1	0.0	0.0	<25mm	N	NBR	Y	HF-1
2	0.0	0.0	<25mm	N	NBR	Y	HF-1
3	0.0	0.0	<25mm	N	NBR	Y	HF-1
4	0.0	0.0	<25mm	N	NBR	Y	HF-1
5	0.0	0.0	<25mm	N	NBR	Y	HF-1
Conditioning according to 6.2 (7 days)							
1	0.0	0.0	<25mm	N	NBR	Y	HF-1
2	0.0	0.0	<25mm	N	NBR	Y	HF-1
3	0.0	0.0	<25mm	N	NBR	Y	HF-1
4	0.0	0.0	<25mm	N	NBR	Y	HF-1
5	0.0	0.0	<25mm	N	NBR	Y	HF-1
Overall Classification:							HF-1

KEY: NI = No Ignition (<25mm) SE = Self Extinguished NBR = No Burn Rate Y = Yes N= No

Flammability rating UL 94 Section 12		
Test criteria	HF-1	HF-2
Afterflame time (s)	4/5 ≤ 2 1/5 ≤ 10	4/5 ≤ 2 1/5 ≤ 10
Afterflame time plus afterglow time for each individual rod (s)	≤ 30s	≤ 30s
Burning dripping (inflammation of the cotton wool)	No	Yes
Damaged length of each rod (mm)	<60mm	<60mm

Notes: 4/5 - Four out of a set of five specimens.
 1/5 - One out of a set of five specimens.

Criteria for HBF ratings
<ul style="list-style-type: none"> ▪ Burning rate ≤ 40mm over a distance of 100 mm ▪ Flame or glow is extinguished before 125 mm mark



RESULT(S):

Evaluation	Citation / Method	Criteria	Results	Rating
Inner cords	ANSI/WCMA A100.1-18 Sec. 4.5	All products with inner cords must meet the requirements in Appendix C and Appendix D. If the product has shrouded inner cords, it must meet requirements in 6.3. If the product has inner cord stop devices or cord connectors, it must meet requirements in 6.7.	M	PASS

Results Key:

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

