



TEST REPORT

Supersede test report, report no.: A80232001

REPORT NO.	:	A80232001 R001
UL ORDER NO.	:	--
DATE	:	Jun 9, 2020

CLIENT:

Infantino B kids International Ltd.
Rm 1203, East Ocean Centre,
98 Granville Road, Tsim Sha Tsui East,
Kowloon, Hong Kong

Infantino B kids B.V.
John M. Keynesplein 12-46
1066EP Amsterdam
The Netherlands

SAMPLE DESCRIPTION:

First Submitted Six (6) pieces of INFANTINO CUDDLE UP ERGO CARRIER samples.***
Second Submitted One (1) pack of Dark grey embroidery thread samples.***
Third Submitted One (1) piece of grey fabric samples.***

Item No	:	005331
Labeled Age Grade	:	0m+
Testing Age Grading	:	All ages
Country of Origin	:	China
Date(s) of samples received	:	May 14, 2020 (a.m.) and Jun 5, 2020 (p.m.) and Jun 18, 2020 (p.m.)

TEST METHOD & RESULTS: Please refer to next page(s)

CONCLUSION: Please refer to page two (2)

For and on behalf of
UL VS Hong Kong Limited

Kenneth Ho
Hardlines & Toys
Testing Manager
/ym

***** * End of Page 1 of 16 * *****

This letter / report / certificate shall not be reproduced (except in full version) without the written approval of the UL Company. ("UL")

LETTERS / REPORTS / CERTIFICATES: Letters / Reports / Certificates of UL are issued for the exclusive use of the Customer to whom they are addressed. No quotation from reports / certificates or use of the UL's name is permitted except by UL's express written authorization. Letters / reports / certificates apply only to the specific materials, products or processes tested, examined or surveyed and are not necessarily indicative of the qualities of apparently identical or similar materials, products or processes. Reports / Certificates of UL do not relieve sellers / suppliers from their contractual responsibilities with regard to the quality / quantity of the goods in delivery nor do they prejudice the Customer's right to claim against sellers / suppliers for compensation for any apparent and/or hidden defects not detected during UL's random inspection or testing or audit. The liability of UL to the Customer in contract, tort (including negligence or breach of statutory duty) or howsoever, and whatever the cause thereof, (a) for any loss of profit, business, contracts, revenues, or anticipating savings; or (b) for any special indirect or consequential damage of any nature whatsoever, shall be limited to the amount of the fee paid in respect of the specific Work(s) which give rise to such claim. For Reports / Certificates, refer to the UL VS Terms and Conditions.

UL VS Hong Kong Limited
16-17/F & 26/F, Tower B, Regent Centre
63 Wo Yi Hop Road
Kwai Chung, N.T., Hong Kong
T: +(852) 2423 3092 / F: +(852) 2480 5436 / W: ul.com



TEST REPORT

Supersede test report, report no.: A80232001

REPORT NO.	:	A80232001 R001
UL ORDER NO.	:	--
DATE	:	Jun 9, 2020

CONCLUSION:

CEN/TR 16512:2015 – Child use and care articles –Guidelines for the safety of children's slings	PASS
EN 71-2:2011+A1:2014 Flammability Requirements	PASS
EN 71-3: 2019 Migration of Certain Elements	PASS
Azo Dyes Test as per Restriction of Forbidden Aromatic Amines from Azo Dyes according to Regulation (EC) No. 1907/2006 on REACH Annex XVII Item No 43 and Appendix 8 as amended by Commission Regulation (EC) No. 552/2009	PASS
Total Cadmium Content as per Restriction of Cadmium according to Regulation (EC) No. 1907/2006 on REACH Annex XVII Item No 23 as amended by Commission Regulation (EC) No. 552/2009 and Commission Regulation (EU) No. 494/2011	PASS
Total Phthalate Test as per Restriction of Phthalates according to Regulation (EC) No. 1907/2006 on REACH Annex XVII Item No 51/52 as amended by Commission Regulation (EC) No. 552/2009	PASS
BS EN ISO 14184-1:2011 Free Formaldehyde Content	PASS
Commission Regulation (EU) 2015/628 as per Total Lead Content in Substrates	PASS
Fiber Composition [EU Regulation 1007/2011, with amendment from EU No. 286/2012]	PASS

REMARK: ***THE RESULTS RELATE ONLY TO THE SAMPLES TESTED.***

***** **End of Page 2 of 16** *****

This letter / report / certificate shall not be reproduced (except in full version) without the written approval of the UL Company. ("UL")

LETTERS / REPORTS / CERTIFICATES: Letters / Reports / Certificates of UL are issued for the exclusive use of the Customer to whom they are addressed. No quotation from reports / certificates or use of the UL's name is permitted except by UL's express written authorization. Letters / reports / certificates apply only to the specific materials, products or processes tested, examined or surveyed and are not necessarily indicative of the qualities of apparently identical or similar materials, products or processes. Reports / Certificates of UL do not relieve sellers / suppliers from their contractual responsibilities with regard to the quality / quantity of the goods in delivery nor do they prejudice the Customer's right to claim against sellers / suppliers for compensation for any apparent and/or hidden defects not detected during UL's random inspection or testing or audit. The liability of UL to the Customer in contract, tort (including negligence or breach of statutory duty) or howsoever, and whatever the cause thereof, (a) for any loss of profit, business, contracts, revenues, or anticipating savings; or (b) for any special indirect or consequential damage of any nature whatsoever, shall be limited to the amount of the fee paid in respect of the specific Work(s) which give rise to such claim. For Reports / Certificates, refer to the UL VS Terms and Conditions.

UL VS Hong Kong Limited
16-17/F & 26/F, Tower B, Regent Centre
63 Wo Yi Hop Road
Kwai Chung, N.T., Hong Kong
T: +(852) 2423 3092 / F: +(852) 2480 5436 / W: ul.com



TEST REPORT

Supersede test report, report no.: A80232001

REPORT NO.	:	A80232001 R001
UL ORDER NO.	:	--
DATE	:	Jun 9, 2020

Test Result:

(01)Child use and care articles –Guidelines for the safety of children's slings (CEN/TR 16512:2015)

<u>SUBCLAUSE</u>	<u>REQUIREMENT</u>	<u>RESULT</u>
4	Thermal Hazard (Test method A2.1, A2.2)	Pass
5	Choking and ingestion hazards(Test method A3)	Pass
6	Entrapment hazards for fingers in mesh (Test method A4)	Not applicable
7	Entanglement hazards (Test method A5)	Not applicable
8	Suffocation hazards (Test method A6, ISO 9237)	Pass ¹
9	Structural integrity (Test method A7)	Pass
10	Product information	Pass
10.1	General	Pass
10.2	Marking	Pass
10.3	Purchase information	Pass
10.4	Instructions for use	Pass
10.4.1	General	Pass
10.4.2	Instructions for use	Pass
10.4.3	Additional information	Pass

Remark: 1	The sample is permeable to air with according to the ISO 9237 that is consider as LOW RISK to create suffocation on before and after washing
-----------	--

(02) Flammability Test To EN 71-2:2011+A1:2014 Clause 4.1 General Requirement (Cellulose Nitrate)

Requirement: Celluloid (cellulose nitrate), except when used in varnish, paint or glue, or in balls of the type used for table tennis or similar games, and materials with the same behavior in fire as celluloid shall not be present in toys.

Results: The submitted sample(s) complied with this requirement.

***** End of Page 3 of 16 *****

This letter / report / certificate shall not be reproduced (except in full version) without the written approval of the UL Company. ("UL")

LETTERS / REPORTS / CERTIFICATES: Letters / Reports / Certificates of UL are issued for the exclusive use of the Customer to whom they are addressed. No quotation from reports / certificates or use of the UL's name is permitted except by UL's express written authorization. Letters / reports / certificates apply only to the specific materials, products or processes tested, examined or surveyed and are not necessarily indicative of the qualities of apparently identical or similar materials, products or processes. Reports / Certificates of UL do not relieve sellers / suppliers from their contractual responsibilities with regard to the quality / quantity of the goods in delivery nor do they prejudice the Customer's right to claim against sellers / suppliers for compensation for any apparent and/or hidden defects not detected during UL's random inspection or testing or audit. The liability of UL to the Customer in contract, tort (including negligence or breach of statutory duty) or howsoever, and whatever the cause thereof, (a) for any loss of profit, business, contracts, revenues, or anticipated savings; or (b) for any special indirect or consequential damage of any nature whatsoever, shall be limited to the amount of the fee paid in respect of the specific Work(s) which give rise to such claim. For Reports / Certificates, refer to the UL VS Terms and Conditions.

UL VS Hong Kong Limited
 16-17/F & 26/F, Tower B, Regent Centre
 63 Wo Yi Hop Road
 Kwai Chung, N.T., Hong Kong
 T: +(852) 2423 3092 / F: +(852) 2480 5436 / W: ul.com



TEST REPORT

Supersede test report, report no.: A80232001

REPORT NO.	:	A80232001 R001
UL ORDER NO.	:	--
DATE	:	Jun 9, 2020

Sample Information :

Sample	Product
001	INFANTINO CUDDLE UP ERGO CARRIER
002	White satin with black printing (SIL)
003	White fabric with multi color wave printing (hood)
004	Light grey fabric (hood, outer pocket)
005	Dark grey fabric (main body)
006	Light teal fabric (hood attachment panel)
007	Teal fabric (inner body)
008	Grey webbing (strap)
009	Grey fabric (pipe)
010	Light grey embroidery thread (hood)
011	Dark grey embroidery thread (main body, strap)
012	Teal embroidery thread (inner body)
013	White fabric with teal thread stitching (logo)
014	Teal plastic (button)
015	Grey plastic (buckle)
016	White male velcro (hood)
017	Grey elastic band (shoulder strap, waist belt)
018	Clear plastic sheet (rim of hood) (under fabric)
019	Clear plastic (pipe) (under fabric)
020	Yellow foam (ear of hood, waist belt) (under fabric)
021	White foam (main body, shoulder strap) (under fabric)
022	Translucent white foam (waist belt) (under fabric)
023	all thread

***** * End of Page 4 of 16 * *****

This letter / report / certificate shall not be reproduced (except in full version) without the written approval of the UL Company. ("UL")

LETTERS / REPORTS / CERTIFICATES: Letters / Reports / Certificates of UL are issued for the exclusive use of the Customer to whom they are addressed. No quotation from reports / certificates or use of the UL's name is permitted except by UL's express written authorization. Letters / reports / certificates apply only to the specific materials, products or processes tested, examined or surveyed and are not necessarily indicative of the qualities of apparently identical or similar materials, products or processes. Reports / Certificates of UL do not relieve sellers / suppliers from their contractual responsibilities with regard to the quality / quantity of the goods in delivery nor do they prejudice the Customer's right to claim against sellers / suppliers for compensation for any apparent and/or hidden defects not detected during UL's random inspection or testing or audit. The liability of UL to the Customer in contract, tort (including negligence or breach of statutory duty) or howsoever, and whatever the cause thereof, (a) for any loss of profit, business, contracts, revenues, or anticipating savings; or (b) for any special indirect or consequential damage of any nature whatsoever, shall be limited to the amount of the fee paid in respect of the specific Work(s) which give rise to such claim. For Reports / Certificates, refer to the UL VS Terms and Conditions.

UL VS Hong Kong Limited
16-17/F & 26/F, Tower B, Regent Centre
63 Wo Yi Hop Road
Kwai Chung, N.T., Hong Kong
T: +(852) 2423 3092 / F: +(852) 2480 5436 / W: ul.com



TEST REPORT

Supersede test report, report no.: A80232001

REPORT NO.	:	A80232001 R001
UL ORDER NO.	:	--
DATE	:	Jun 9, 2020

(01) Total Lead Content in Substrates [Commission Regulation (EU) 2015/628]

Criteria : The submitted sample(s) must not exceed the total lead limit of 500 milligrams per kilogram

<u>Sample</u>	<u>Result (mg/kg)</u>	<u>Requirement (mg/kg)</u>	
002	<10.0	Max. 500	PASS
003	<10.0	Max. 500	PASS
004+005+006	<10.0	Max. 500	PASS
007+008+009	<10.0	Max. 500	PASS
010+011+012	<10.0	Max. 500	PASS
013	<10.0	Max. 500	PASS
014+015+016	<10.0	Max. 500	PASS
017	<10.0	Max. 500	PASS
"<" means less than ; ">" means greater than ; "mg/kg" means milligrams per kilogram			

(02) Total Cadmium Content [REACH Annex XVII]

Test Method : In House Method

<u>Sample</u>	<u>Result(mg/kg)</u>	<u>Requirement(mg/kg)</u>	
014+015+016	<10.0	Max. 100	PASS
017	<10.0	Max. 100	PASS
018+019	<10.0	Max. 100	PASS
020+021	<10.0	Max. 100	PASS
"<" means less than ; ">" means greater than ; "mg/kg" means milligrams per kilogram			

***** End of Page 5 of 16 *****

This letter / report / certificate shall not be reproduced (except in full version) without the written approval of the UL Company. ("UL")

LETTERS / REPORTS / CERTIFICATES: Letters / Reports / Certificates of UL are issued for the exclusive use of the Customer to whom they are addressed. No quotation from reports / certificates or use of the UL's name is permitted except by UL's express written authorization. Letters / reports / certificates apply only to the specific materials, products or processes tested, examined or surveyed and are not necessarily indicative of the qualities of apparently identical or similar materials, products or processes. Reports / Certificates of UL do not relieve sellers / suppliers from their contractual responsibilities with regard to the quality / quantity of the goods in delivery nor do they prejudice the Customer's right to claim against sellers / suppliers for compensation for any apparent and/or hidden defects not detected during UL's random inspection or testing or audit. The liability of UL to the Customer in contract, tort (including negligence or breach of statutory duty) or howsoever, and whatever the cause thereof, (a) for any loss of profit, business, contracts, revenues, or anticipated savings; or (b) for any special indirect or consequential damage of any nature whatsoever, shall be limited to the amount of the fee paid in respect of the specific Work(s) which give rise to such claim. For Reports / Certificates, refer to the UL VS Terms and Conditions.

UL VS Hong Kong Limited
16-17/F & 26/F, Tower B, Regent Centre
63 Wo Yi Hop Road
Kwai Chung, N.T., Hong Kong
T: +(852) 2423 3092 / F: +(852) 2480 5436 / W: ul.com



TEST REPORT

Supersede test report, report no.: A80232001

REPORT NO. : A80232001 R001
 UL ORDER NO. : --
 DATE : Jun 9, 2020

(03) Migration of Certain Elements [EN 71-3: 2019]

<u>Elements¹</u>	<u>Limits Category III (Scraped-off material)</u>	<u>002</u>	<u>003</u>	<u>004</u>	<u>005</u>
Aluminum	28130*	<1.0	<1.0	2.00	15.6
Antimony	560	3.60	3.40	3.15	<1.0
Arsenic	47	<1.0	<1.0	<1.0	<1.0
Barium	18750	<1.0	<1.0	1.45	1.55
Boron	15000	<1.0	<1.0	<1.0	1.45
Cadmium	17	<1.0	<1.0	<1.0	<1.0
Chromium ⁽²⁾	-	<0.05	<0.05	<0.05	6.28
(Chromium III)	460	<0.05	<0.05	<0.05	6.28
(Chromium VI)	0.053^	<0.05	<0.05	<0.05	<0.025#
Cobalt	130	<1.0	<1.0	<1.0	<1.0
Copper	7700	<1.0	<1.0	<1.0	<1.0
Lead	23	<1.0	<1.0	<1.0	<1.0
Manganese	15000	<1.0	<1.0	<1.0	2.40
Mercury	94	<1.0	<1.0	<1.0	<1.0
Nickel	930	<1.0	<1.0	<1.0	<1.0
Selenium	460	<1.0	<1.0	<1.0	<1.0
Strontium	56000	<1.0	2.30	<1.0	8.10
Tin	180000	<1.0	<1.0	<1.0	<1.0
Organic Tin ⁽³⁾	12	<6.2	<6.2	<6.2	<6.2
Zinc	46000	<1.0	1.80	1.45	2.70
Sample weight between (0.01g) 10 mg and (0.1g) 100 mg		-	-	-	-
Rating		PASS	PASS	PASS	PASS

"<" means less than ; ">" means greater than ; "mg/kg" means milligrams per kilogram

***** * End of Page 6 of 16 * *****

This letter / report / certificate shall not be reproduced (except in full version) without the written approval of the UL Company. ("UL")

LETTERS / REPORTS / CERTIFICATES: Letters / Reports / Certificates of UL are issued for the exclusive use of the Customer to whom they are addressed. No quotation from reports / certificates or use of the UL's name is permitted except by UL's express written authorization. Letters / reports / certificates apply only to the specific materials, products or processes tested, examined or surveyed and are not necessarily indicative of the qualities of apparently identical or similar materials, products or processes. Reports / Certificates of UL do not relieve sellers / suppliers from their contractual responsibilities with regard to the quality / quantity of the goods in delivery nor do they prejudice the Customer's right to claim against sellers / suppliers for compensation for any apparent and/or hidden defects not detected during UL's random inspection or testing or audit. The liability of UL to the Customer in contract, tort (including negligence or breach of statutory duty) or howsoever, and whatever the cause thereof, (a) for any loss of profit, business, contracts, revenues, or anticipated savings; or (b) for any special indirect or consequential damage of any nature whatsoever, shall be limited to the amount of the fee paid in respect of the specific Work(s) which give rise to such claim. For Reports / Certificates, refer to the UL VS Terms and Conditions.

UL VS Hong Kong Limited
 16-17/F & 26/F, Tower B, Regent Centre
 63 Wo Yi Hop Road
 Kwai Chung, N.T., Hong Kong
 T: +(852) 2423 3092 / F: +(852) 2480 5436 / W: ul.com



TEST REPORT

Supersede test report, report no.: A80232001

REPORT NO. : A80232001 R001
 UL ORDER NO. : --
 DATE : Jun 9, 2020

(03) Migration of Certain Elements [EN 71-3: 2019]

<u>Elements¹</u>	<u>Limits</u> <u>Category III</u> <u>(Scraped-off</u> <u>material)</u>	<u>006</u>	<u>007</u>	<u>008</u>	<u>009-3rd submitted</u>
Aluminum	28130*	1.50	<1.0	1.30	1.15
Antimony	560	<1.0	<1.0	<1.0	3.20
Arsenic	47	<1.0	<1.0	<1.0	<1.0
Barium	18750	<1.0	<1.0	<1.0	<1.0
Boron	15000	<1.0	<1.0	<1.0	<1.0
Cadmium	17	<1.0	<1.0	<1.0	<1.0
Chromium ⁽²⁾	-	<0.05	<0.05	0.055	<0.05
(Chromium III)	460	<0.05	<0.05	0.055	<0.05
(Chromium VI)	0.053^	<0.05	<0.05	<0.025#	<0.05
Cobalt	130	<1.0	<1.0	<1.0	<1.0
Copper	7700	<1.0	1.20	<1.0	<1.0
Lead	23	<1.0	<1.0	<1.0	<1.0
Manganese	15000	<1.0	<1.0	<1.0	<1.0
Mercury	94	<1.0	<1.0	<1.0	<1.0
Nickel	930	<1.0	<1.0	<1.0	<1.0
Selenium	460	<1.0	<1.0	<1.0	<1.0
Strontium	56000	<1.0	<1.0	<1.0	<1.0
Tin	180000	<1.0	<1.0	<1.0	<1.0
Organic Tin ⁽³⁾	12	<6.2	<6.2	<6.2	<6.2
Zinc	46000	<1.0	1.05	<1.0	<1.0
Sample weight between (0.01g) 10 mg and (0.1g) 100 mg		-	-	-	-
Rating		PASS	PASS	PASS	PASS
"<" means less than ; ">" means greater than ; "mg/kg" means milligrams per kilogram					

***** * End of Page 7 of 16 * *****

This letter / report / certificate shall not be reproduced (except in full version) without the written approval of the UL Company. ("UL")

LETTERS / REPORTS / CERTIFICATES: Letters / Reports / Certificates of UL are issued for the exclusive use of the Customer to whom they are addressed. No quotation from reports / certificates or use of the UL's name is permitted except by UL's express written authorization. Letters / reports / certificates apply only to the specific materials, products or processes tested, examined or surveyed and are not necessarily indicative of the qualities of apparently identical or similar materials, products or processes. Reports / Certificates of UL do not relieve sellers / suppliers from their contractual responsibilities with regard to the quality / quantity of the goods in delivery nor do they prejudice the Customer's right to claim against sellers / suppliers for compensation for any apparent and/or hidden defects not detected during UL's random inspection or testing or audit. The liability of UL to the Customer in contract, tort (including negligence or breach of statutory duty) or howsoever, and whatever the cause thereof, (a) for any loss of profit, business, contracts, revenues, or anticipated savings; or (b) for any special indirect or consequential damage of any nature whatsoever, shall be limited to the amount of the fee paid in respect of the specific Work(s) which give rise to such claim. For Reports / Certificates, refer to the UL VS Terms and Conditions.

UL VS Hong Kong Limited
 16-17/F & 26/F, Tower B, Regent Centre
 63 Wo Yi Hop Road
 Kwai Chung, N.T., Hong Kong
 T: +(852) 2423 3092 / F: +(852) 2480 5436 / W: ul.com



TEST REPORT

Supersede test report, report no.: A80232001

REPORT NO. : A80232001 R001
 UL ORDER NO. : --
 DATE : Jun 9, 2020

(03) Migration of Certain Elements [EN 71-3: 2019]

<u>Elements¹</u>	<u>Limits</u> <u>Category III</u> <u>(Scraped-off</u> <u>material)</u>	<u>010</u>	<u>011-2nd submitted</u>	<u>012</u>	<u>013</u>
Aluminum	28130*	<1.0	2.60	<1.0	1.40
Antimony	560	<1.0	<1.0	<1.0	4.10
Arsenic	47	<1.0	<1.0	<1.0	<1.0
Barium	18750	1.00	13.0	<1.0	2.45
Boron	15000	<1.0	<1.0	<1.0	<1.0
Cadmium	17	<1.0	<1.0	<1.0	<1.0
Chromium ⁽²⁾	-	<0.05	<0.05	0.085	<0.05
(Chromium III)	460	<0.05	<0.05	0.085	<0.05
(Chromium VI)	0.053^	<0.05	<0.05	<0.025#	<0.05
Cobalt	130	<1.0	<1.0	<1.0	<1.0
Copper	7700	<1.0	<1.0	<1.0	<1.0
Lead	23	<1.0	<1.0	<1.0	<1.0
Manganese	15000	<1.0	<1.0	<1.0	<1.0
Mercury	94	<1.0	<1.0	<1.0	<1.0
Nickel	930	<1.0	<1.0	<1.0	<1.0
Selenium	460	<1.0	<1.0	<1.0	<1.0
Strontium	56000	<1.0	<1.0	<1.0	<1.0
Tin	180000	1.10	<1.0	<1.0	<1.0
Organic Tin ⁽³⁾	12	<6.2	<6.2	<6.2	<6.2
Zinc	46000	1.25	1.80	1.25	3.00
Sample weight between (0.01g) 10 mg and (0.1g) 100 mg		0.052	-	0.031	-
Rating		PASS	PASS	PASS	PASS
"<" means less than ; ">" means greater than ; "mg/kg" means milligrams per kilogram					

***** * End of Page 8 of 16 * *****

This letter / report / certificate shall not be reproduced (except in full version) without the written approval of the UL Company. ("UL")

LETTERS / REPORTS / CERTIFICATES: Letters / Reports / Certificates of UL are issued for the exclusive use of the Customer to whom they are addressed. No quotation from reports / certificates or use of the UL's name is permitted except by UL's express written authorization. Letters / reports / certificates apply only to the specific materials, products or processes tested, examined or surveyed and are not necessarily indicative of the qualities of apparently identical or similar materials, products or processes. Reports / Certificates of UL do not relieve sellers / suppliers from their contractual responsibilities with regard to the quality / quantity of the goods in delivery nor do they prejudice the Customer's right to claim against sellers / suppliers for compensation for any apparent and/or hidden defects not detected during UL's random inspection or testing or audit. The liability of UL to the Customer in contract, tort (including negligence or breach of statutory duty) or howsoever, and whatever the cause thereof, (a) for any loss of profit, business, contracts, revenues, or anticipated savings; or (b) for any special indirect or consequential damage of any nature whatsoever, shall be limited to the amount of the fee paid in respect of the specific Work(s) which give rise to such claim. For Reports / Certificates, refer to the UL VS Terms and Conditions.

UL VS Hong Kong Limited
 16-17/F & 26/F, Tower B, Regent Centre
 63 Wo Yi Hop Road
 Kwai Chung, N.T., Hong Kong
 T: +(852) 2423 3092 / F: +(852) 2480 5436 / W: ul.com



TEST REPORT

Supersede test report, report no.: A80232001

REPORT NO. : A80232001 R001
 UL ORDER NO. : --
 DATE : Jun 9, 2020

(03) Migration of Certain Elements [EN 71-3: 2019]

<u>Elements¹</u>	<u>Limits</u> <u>Category III</u> <u>(Scraped-off</u> <u>material)</u>				
		<u>014</u>	<u>015</u>	<u>016</u>	<u>017</u>
Aluminum	28130*	<1.0	1.20	<1.0	6.00
Antimony	560	<1.0	<1.0	<1.0	<1.0
Arsenic	47	<1.0	<1.0	<1.0	<1.0
Barium	18750	<1.0	<1.0	<1.0	79.9
Boron	15000	<1.0	<1.0	<1.0	<1.0
Cadmium	17	<1.0	<1.0	<1.0	<1.0
Chromium ⁽²⁾	-	<0.05	<0.05	<0.05	0.145
(Chromium III)	460	<0.05	<0.05	<0.05	0.145
(Chromium VI)	0.053^	<0.05	<0.05	<0.05	<0.025#
Cobalt	130	<1.0	<1.0	<1.0	<1.0
Copper	7700	<1.0	<1.0	<1.0	<1.0
Lead	23	<1.0	<1.0	<1.0	<1.0
Manganese	15000	<1.0	<1.0	<1.0	<1.0
Mercury	94	<1.0	<1.0	<1.0	<1.0
Nickel	930	<1.0	<1.0	<1.0	<1.0
Selenium	460	<1.0	<1.0	<1.0	<1.0
Strontium	56000	<1.0	<1.0	<1.0	<1.0
Tin	180000	<1.0	<1.0	<1.0	<1.0
Organic Tin ⁽³⁾	12	<6.2	<6.2	<6.2	<6.2
Zinc	46000	<1.0	<1.0	<1.0	604
Sample weight between (0.01g) 10 mg and (0.1g) 100 mg		-	-	-	-
Rating		PASS	PASS	PASS	PASS
"<" means less than ; ">" means greater than ; "mg/kg" means milligrams per kilogram					

***** * End of Page 9 of 16 * *****

This letter / report / certificate shall not be reproduced (except in full version) without the written approval of the UL Company. ("UL")

LETTERS / REPORTS / CERTIFICATES: Letters / Reports / Certificates of UL are issued for the exclusive use of the Customer to whom they are addressed. No quotation from reports / certificates or use of the UL's name is permitted except by UL's express written authorization. Letters / reports / certificates apply only to the specific materials, products or processes tested, examined or surveyed and are not necessarily indicative of the qualities of apparently identical or similar materials, products or processes. Reports / Certificates of UL do not relieve sellers / suppliers from their contractual responsibilities with regard to the quality / quantity of the goods in delivery nor do they prejudice the Customer's right to claim against sellers / suppliers for compensation for any apparent and/or hidden defects not detected during UL's random inspection or testing or audit. The liability of UL to the Customer in contract, tort (including negligence or breach of statutory duty) or howsoever, and whatever the cause thereof, (a) for any loss of profit, business, contracts, revenues, or anticipated savings; or (b) for any special indirect or consequential damage of any nature whatsoever, shall be limited to the amount of the fee paid in respect of the specific Work(s) which give rise to such claim. For Reports / Certificates, refer to the UL VS Terms and Conditions.

UL VS Hong Kong Limited
 16-17/F & 26/F, Tower B, Regent Centre
 63 Wo Yi Hop Road
 Kwai Chung, N.T., Hong Kong
 T: +(852) 2423 3092 / F: +(852) 2480 5436 / W: ul.com



TEST REPORT

Supersede test report, report no.: A80232001

REPORT NO.	:	A80232001 R001
UL ORDER NO.	:	--
DATE	:	Jun 9, 2020

(03) Migration of Certain Elements [EN 71-3: 2019]

- | | |
|---------|--|
| Remark: | <ol style="list-style-type: none"> 1. Soluble migrated elements are determined by ICP-MS (Induced Couple Plasma Mass Spectrometry) 2. If the chromium content of the tested sample does not exceed the limits of chromium III and/or chromium VI, it is deemed to comply on the respective migration requirements of chromium III and/or chromium VI under 2009/48/EC. Otherwise, the compliance on the migration requirements of the individual chromium III and/or chromium VI are confirmed by ion speciation techniques
#: The chromium VI content is determined by LC-ICP-MS or High resolution UV-VIS spectroscopy. (If confirmation is done only) 3. If the Organic Tin content of the tested sample projected by the tin content does not exceed the limit of organotin, it is deemed to comply on the respective migration requirement of Organic Tin under 2009/48/EC and marked with "--". Otherwise, the compliance on the migration requirement of Organic Tin is confirmed by GCMS analysis.
##: The Organic Tin content is determined by GCMS. (If confirmation is done only). 4. **Test specimen less than 10 mg is not required to test soluble migrated elements according to EN71-3: 2013+ A3: 2018 Section 7.1. 5. ^ The chromium VI Limit under (EU)2018/725 amending 2009/48/EC Toy Safety directive will be effective on 18 November 2019. 6. * Limits according to SCHEER final opinion on tolerable intake of aluminium with regards to adapting the migration limits for aluminium in toys (2017-9-28) |
|---------|--|

***** * End of Page 10 of 16 * *****

This letter / report / certificate shall not be reproduced (except in full version) without the written approval of the UL Company. ("UL")

LETTERS / REPORTS / CERTIFICATES: Letters / Reports / Certificates of UL are issued for the exclusive use of the Customer to whom they are addressed. No quotation from reports / certificates or use of the UL's name is permitted except by UL's express written authorization. Letters / reports / certificates apply only to the specific materials, products or processes tested, examined or surveyed and are not necessarily indicative of the qualities of apparently identical or similar materials, products or processes. Reports / Certificates of UL do not relieve sellers / suppliers from their contractual responsibilities with regard to the quality / quantity of the goods in delivery nor do they prejudice the Customer's right to claim against sellers / suppliers for compensation for any apparent and/or hidden defects not detected during UL's random inspection or testing or audit. The liability of UL to the Customer in contract, tort (including negligence or breach of statutory duty) or howsoever, and whatever the cause thereof, (a) for any loss of profit, business, contracts, revenues, or anticipating savings; or (b) for any special indirect or consequential damage of any nature whatsoever, shall be limited to the amount of the fee paid in respect of the specific Work(s) which give rise to such claim. For Reports / Certificates, refer to the UL VS Terms and Conditions.

UL VS Hong Kong Limited
16-17/F & 26/F, Tower B, Regent Centre
63 Wo Yi Hop Road
Kwai Chung, N.T., Hong Kong
T: +(852) 2423 3092 / F: +(852) 2480 5436 / W: ul.com



TEST REPORT

Supersede test report, report no.: A80232001

REPORT NO.	:	A80232001 R001
UL ORDER NO.	:	--
DATE	:	Jun 9, 2020

(04) Total Phthalates Content [Client's Specification]

Test Method:	THF extraction followed by GC-MSD analysis	
Requirement:	Each phthalates shall not be more than 0.1%	
Results:	PASS	
Phthalates	016	020+021+022
DIBP	<0.015%	<0.015%
DBP	<0.015%	<0.015%
BBP	<0.015%	<0.015%
DEHP	<0.015%	<0.015%
DMEP	<0.015%	<0.015%
DNOP	<0.015%	<0.015%
DIDP	<0.015%	<0.015%
DINP	<0.015%	<0.015%
DHNUP	<0.015%	<0.015%
DIHP	<0.015%	<0.015%
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	<0.015%	<0.015%
DIPP	<0.015%	<0.015%
PIPP	<0.015%	<0.015%
DPP	<0.015%	<0.015%
Dihexyl phthalate	<0.015%	<0.015%
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	<0.015%	<0.015%
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with ≥ 0.3% of dihexyl phthalate	<0.015%	<0.015%
Detection Limit for each phthalate = 0.015%		

***** * End of Page 11 of 16 * *****

This letter / report / certificate shall not be reproduced (except in full version) without the written approval of the UL Company. ("UL")

LETTERS / REPORTS / CERTIFICATES: Letters / Reports / Certificates of UL are issued for the exclusive use of the Customer to whom they are addressed. No quotation from reports / certificates or use of the UL's name is permitted except by UL's express written authorization. Letters / reports / certificates apply only to the specific materials, products or processes tested, examined or surveyed and are not necessarily indicative of the qualities of apparently identical or similar materials, products or processes. Reports / Certificates of UL do not relieve sellers / suppliers from their contractual responsibilities with regard to the quality / quantity of the goods in delivery nor do they prejudice the Customer's right to claim against sellers / suppliers for compensation for any apparent and/or hidden defects not detected during UL's random inspection or testing or audit. The liability of UL to the Customer in contract, tort (including negligence or breach of statutory duty) or howsoever, and whatever the cause thereof, (a) for any loss of profit, business, contracts, revenues, or anticipating savings; or (b) for any special indirect or consequential damage of any nature whatsoever, shall be limited to the amount of the fee paid in respect of the specific Work(s) which give rise to such claim. For Reports / Certificates, refer to the UL VS Terms and Conditions.

UL VS Hong Kong Limited
16-17/F & 26/F, Tower B, Regent Centre
63 Wo Yi Hop Road
Kwai Chung, N.T., Hong Kong
T: +(852) 2423 3092 / F: +(852) 2480 5436 / W: ul.com



TEST REPORT

Supersede test report, report no.: A80232001

REPORT NO.	:	A80232001 R001
UL ORDER NO.	:	--
DATE	:	Jun 9, 2020

Di-iso-butyl phthalate , DIBP (CAS No. 84-69-5)	Dibutyl phthalate , DBP (CAS No. 84-74-2)
Benzyl butyl phthalate , BBP (CAS No. 85-68-7)	Bis(2-ethylhexyl) phthalate , DEHP (CAS No. 117-81-7)
Bis (2-methoxyethyl) phthalate (DMEP) (CAS No.117-82-8)	Di-n-octyl phthalate , DNOP (CAS No. 117-84-0)
Diisodecyl phthalate , DIDP (CAS No. 26761-40-0/ 68515-49-1)	Di-iso-nonyl phthalate , DINP (CAS No. 28553-12-0/68515-48-0)
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters, DHNUP (CAS No. 68515-42-4)	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP) (CAS No.71888-89-6)
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear (CAS No.84777-06-0)	Diisopentyl phthalate (DIPP) (CAS No.605-50-5)
N-pentyl-isopentyl phthalate (PIPP) (CAS No.776297-69-9)	Dipentyl phthalate (DPP/DPENP) (CAS No.131-18-0)
Dihexyl phthalate (DPP) (CAS No. 84-75-3)	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear (CAS No. 68515-50-4)
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with $\geq 0.3\%$ of dihexyl phthalate (CAS No. 68515-51-5/68648-93-1)	

***** * End of Page 12 of 16 * *****

This letter / report / certificate shall not be reproduced (except in full version) without the written approval of the UL Company. ("UL")

LETTERS / REPORTS / CERTIFICATES: Letters / Reports / Certificates of UL are issued for the exclusive use of the Customer to whom they are addressed. No quotation from reports / certificates or use of the UL's name is permitted except by UL's express written authorization. Letters / reports / certificates apply only to the specific materials, products or processes tested, examined or surveyed and are not necessarily indicative of the qualities of apparently identical or similar materials, products or processes. Reports / Certificates of UL do not relieve sellers / suppliers from their contractual responsibilities with regard to the quality / quantity of the goods in delivery nor do they prejudice the Customer's right to claim against sellers / suppliers for compensation for any apparent and/or hidden defects not detected during UL's random inspection or testing or audit. The liability of UL to the Customer in contract, tort (including negligence or breach of statutory duty) or howsoever, and whatever the cause thereof, (a) for any loss of profit, business, contracts, revenues, or anticipating savings; or (b) for any special indirect or consequential damage of any nature whatsoever, shall be limited to the amount of the fee paid in respect of the specific Work(s) which give rise to such claim. For Reports / Certificates, refer to the UL VS Terms and Conditions.

UL VS Hong Kong Limited
16-17/F & 26/F, Tower B, Regent Centre
63 Wo Yi Hop Road
Kwai Chung, N.T., Hong Kong
T: +(852) 2423 3092 / F: +(852) 2480 5436 / W: ul.com



TEST REPORT

Supersede test report, report no.: A80232001

REPORT NO.	:	A80232001 R001
UL ORDER NO.	:	--
DATE	:	Jun 9, 2020

(05) Detection of the Use of Banned Azo Colourants [REACH Annex XVII]

Banned azo colourants per European Law (Regulation (EC) No. 1907/2006 on REACH Annex XVII item no. 43 and appendix 8 as amended by commission regulation (EC) no. 552/2009) are such colourants that may form one of the following amines by splitting up one or more azo groups.

Test method according to the official test procedures EN 14362-1:2017 for textile, EN ISO 17234-1:2015 for leather materials. The presence of 4-aminoazobenzene is determined by EN 14362-3:2017 for textile, EN ISO 17234-2:2011 for leather materials. Removal of fat by n-hexane (in case of leather), treatment with citric buffer, reductive cleavage with sodium dithionite, extraction with ether, detection by GC/MS and/or HPLC/DAD. (Detection limit : 5 mg/kg)

- | | |
|---|---|
| BENZIDINE (CAS No. 92-87-5) | 3,3'-DIMETHYLBENZIDINE (CAS No. 119-93-7) |
| 4-AMINODIPHENYL (CAS No. 92-67-1) | 4,4'-METHYLENEDI-O-TOLUIDINE (CAS No. 838-88-0) |
| 4-CHLORO-O-TOLUIDINE (CAS No. 95-69-2) | P-CRESIDINE (CAS No. 120-71-8) |
| 2-NAPHTHYLAMINE (CAS No. 91-59-8) | 4,4'-METHYLENE-BIS-(2-CHLOROANILINE) (CAS No. 101-14-4) |
| O-AMINOAZOTOLUENE (CAS No. 97-56-3) | 4,4'-OXYDIANILINE (CAS No. 101-80-4) |
| 5-NITRO-O-TOLUIDINE (CAS No. 99-55-8) | 4,4'-THIODIANILINE (CAS No. 139-65-1) |
| 4-CHLOROANILINE (CAS No. 106-47-8) | O-TOLUIDINE (CAS No. 95-53-4) |
| 4-METHOXY-M-PHENYLENEDIAMINE (CAS No. 615-05-4) | 2,4,5-TRIMETHYLANILINE (CAS No. 137-17-7) |
| 4,4'-DIAMINODIPHENYLMETHANE (CAS No. 101-77-9) | 4-METHYL-M-PHENYLENEDIAMINE (CAS No. 95-80-7) |
| 3,3'-DICHLOROBENZIDINE (CAS No. 91-94-1) | O-ANISIDINE (CAS No. 90-04-0) |
| 3,3'-DIMETHOXYBENZIDINE (CAS No. 119-90-4) | 4-AMINOAZOBENZENE (CAS No. 60-09-3) |

<u>Sample</u>	<u>Test Method</u>	<u>Result (Amine Detected)</u>	<u>Comments</u>
002	EN 14362-1:2017 (With & Without Extraction)	Not Detected	PASS
003	EN 14362-1:2017 (With & Without Extraction)	Not Detected	PASS
004+005+006	EN 14362-1:2017 (With & Without Extraction)	Not Detected	PASS
007+008+009	EN 14362-1:2017 (With & Without Extraction)	Not Detected	PASS
010+011+012	EN 14362-1:2017 (With & Without Extraction)	Not Detected	PASS
013+017	EN 14362-1:2017 (With & Without Extraction)	Not Detected	PASS

***** * End of Page 13 of 16 * *****

This letter / report / certificate shall not be reproduced (except in full version) without the written approval of the UL Company. ("UL")

LETTERS / REPORTS / CERTIFICATES: Letters / Reports / Certificates of UL are issued for the exclusive use of the Customer to whom they are addressed. No quotation from reports / certificates or use of the UL's name is permitted except by UL's express written authorization. Letters / reports / certificates apply only to the specific materials, products or processes tested, examined or surveyed and are not necessarily indicative of the qualities of apparently identical or similar materials, products or processes. Reports / Certificates of UL do not relieve sellers / suppliers from their contractual responsibilities with regard to the quality / quantity of the goods in delivery nor do they prejudice the Customer's right to claim against sellers / suppliers for compensation for any apparent and/or hidden defects not detected during UL's random inspection or testing or audit. The liability of UL to the Customer in contract, tort (including negligence or breach of statutory duty) or howsoever, and whatever the cause thereof, (a) for any loss of profit, business, contracts, revenues, or anticipated savings; or (b) for any special indirect or consequential damage of any nature whatsoever, shall be limited to the amount of the fee paid in respect of the specific Work(s) which give rise to such claim. For Reports / Certificates, refer to the UL VS Terms and Conditions.

UL VS Hong Kong Limited
16-17/F & 26/F, Tower B, Regent Centre
63 Wo Yi Hop Road
Kwai Chung, N.T., Hong Kong
T: +(852) 2423 3092 / F: +(852) 2480 5436 / W: ul.com



TEST REPORT

Supersede test report, report no.: A80232001

REPORT NO.	:	A80232001 R001
UL ORDER NO.	:	--
DATE	:	Jun 9, 2020

Note: Limit = 30 mg/kg (Not Applicable for combine test)
Remark: Samples (023) was not tested due to insufficient weight of samples.
Test Conclusions:
(1) The submitted samples (002), (003), (004+005+006), (007+008+009), (010+011+012) and (013+017) did not contain the 22 forbidden amines according to Regulation (EC) No. 1907/2006 on REACH Annex XVII Item No. 43 and Appendix 8 as amended by Commission Regulation (EC) No. 522/2009 and Commission Regulation (EU) No.126/2013.
Interpretation of test results:
<ol style="list-style-type: none"> In the case of levels per amine component \leq 30 mg/kg: not detected. According to the analysis as carried out, azo colourants banned under the Ordinance on Commodities were not detected in the articles submitted. In the case of levels per amine component $>$ 30 mg/kg. The analysis result suggests that the article submitted has been manufactured or treated by using azo colourants banned under the Ordinance on Commodities. In case of a result between 25 and 35 mg/kg. We remark that due to the error range of the method, these measurement values represent a border line case.

(06) Free and Hydrolised Formaldehyde [BS EN ISO 14184-1:2011]

Detection Limit: 16 mg/kg

<u>Sample</u>	<u>Result(mg/kg)</u>	<u>Requirement(mg/kg)</u>	
002	ND	Max. 16	PASS
003	ND	Max. 16	PASS
004+005+006	ND	Max. 16	PASS
007+008+009	ND	Max. 16	PASS
010+011+012	ND	Max. 16	PASS
013+017	ND	Max. 16	PASS
<p style="text-align: center;">"<" means less than ; ">" means greater than ; "mg/kg" means milligrams per kilogram "ND" means "Not detected"</p> <p>Remarks :</p> <ol style="list-style-type: none"> Detection limit: 16 mg/kg Calibration range: 15 to 600 (mg/kg) Sample size: 1 gram 			

***** * End of Page 14 of 16 * *****

This letter / report / certificate shall not be reproduced (except in full version) without the written approval of the UL Company. ("UL")

LETTERS / REPORTS / CERTIFICATES: Letters / Reports / Certificates of UL are issued for the exclusive use of the Customer to whom they are addressed. No quotation from reports / certificates or use of the UL's name is permitted except by UL's express written authorization. Letters / reports / certificates apply only to the specific materials, products or processes tested, examined or surveyed and are not necessarily indicative of the qualities of apparently identical or similar materials, products or processes. Reports / Certificates of UL do not relieve sellers / suppliers from their contractual responsibilities with regard to the quality / quantity of the goods in delivery nor do they prejudice the Customer's right to claim against sellers / suppliers for compensation for any apparent and/or hidden defects not detected during UL's random inspection or testing or audit. The liability of UL to the Customer in contract, tort (including negligence or breach of statutory duty) or howsoever, and whatever the cause thereof, (a) for any loss of profit, business, contracts, revenues, or anticipating savings; or (b) for any special indirect or consequential damage of any nature whatsoever, shall be limited to the amount of the fee paid in respect of the specific Work(s) which give rise to such claim. For Reports / Certificates, refer to the UL VS Terms and Conditions.

UL VS Hong Kong Limited
16-17/F & 26/F, Tower B, Regent Centre
63 Wo Yi Hop Road
Kwai Chung, N.T., Hong Kong
T: +(852) 2423 3092 / F: +(852) 2480 5436 / W: ul.com



TEST REPORT

Supersede test report, report no.: A80232001

REPORT NO. : A80232001 R001
 UL ORDER NO. : --
 DATE : Jun 9, 2020

(01) Fiber Composition [EU Regulation 1007/2011, with amendment from EU No. 286/2012]

By using microscopical and chemical analysis method

<u>Sample</u>		<u>Fiber</u>	<u>Fiber Content (%)</u>	<u>Claimed (%)</u>	<u>Requirement (%)</u>	
001	Hood (Outer)	Polyester	100	(Hood) Hood Outer: 100% Hood Lining: 80% Polyester 20% Cotton, (Carrier) Outer: 100% Cotton Pocket Trimming: 100% Polyester Body Lining: 80% Polyester 20% Cotton	No tolerance	PASS
	Hood (Lining)	Polyester	82.0		Max. +/- 3%	
		Cotton	18.0		No tolerance	
	Carrier (Outer)	Cotton	100		No tolerance	
	Carrier (Pocket Binding)	Polyester	100		No tolerance	
	Carrier (Lining)	Polyester	81.3		Max. +/- 3%	
		Cotton	18.7			

(02) Air Permeability [ASTM D737-04(2016)]

Washing method: machine wash, gentle cycle at 30±5C; drying method: drip dry; ironing method: no iron

<u>Sample 001</u>				<u>Requirement</u>	
		<u>Original</u>	<u>After 3 cycles</u>	-	PASS
Body	Specimen 1	21.8	22.9		
	Specimen 2	28.4	30.6		
	Average (cfm)	25.1	26.8		
Hood	Specimen 1	98.5	97.9		
	Specimen 2	92.4	90.2		
	Average (cfm)	95.5	94.1		

Note: Test Area: 38cm²/ Test Pressure: 125 Pa/ Test unit: cfm

***** End of Page 15 of 16 *****

This letter / report / certificate shall not be reproduced (except in full version) without the written approval of the UL Company. ("UL")

LETTERS / REPORTS / CERTIFICATES: Letters / Reports / Certificates of UL are issued for the exclusive use of the Customer to whom they are addressed. No quotation from reports / certificates or use of the UL's name is permitted except by UL's express written authorization. Letters / reports / certificates apply only to the specific materials, products or processes tested, examined or surveyed and are not necessarily indicative of the qualities of apparently identical or similar materials, products or processes. Reports / Certificates of UL do not relieve sellers / suppliers from their contractual responsibilities with regard to the quality / quantity of the goods in delivery nor do they prejudice the Customer's right to claim against sellers / suppliers for compensation for any apparent and/or hidden defects not detected during UL's random inspection or testing or audit. The liability of UL to the Customer in contract, tort (including negligence or breach of statutory duty) or howsoever, and whatever the cause thereof, (a) for any loss of profit, business, contracts, revenues, or anticipated savings; or (b) for any special indirect or consequential damage of any nature whatsoever, shall be limited to the amount of the fee paid in respect of the specific Work(s) which give rise to such claim. For Reports / Certificates, refer to the UL VS Terms and Conditions.

UL VS Hong Kong Limited
 16-17/F & 26/F, Tower B, Regent Centre
 63 Wo Yi Hop Road
 Kwai Chung, N.T., Hong Kong
 T: +(852) 2423 3092 / F: +(852) 2480 5436 / W: ul.com



TEST REPORT

Supersede test report, report no.: A80232001

REPORT NO.	:	A80232001 R001
UL ORDER NO.	:	--
DATE	:	Jun 9, 2020

Product Photo(s):



***** * End of Page 16 of 16 * *****

This letter / report / certificate shall not be reproduced (except in full version) without the written approval of the UL Company. ("UL")

LETTERS / REPORTS / CERTIFICATES: Letters / Reports / Certificates of UL are issued for the exclusive use of the Customer to whom they are addressed. No quotation from reports / certificates or use of the UL's name is permitted except by UL's express written authorization. Letters / reports / certificates apply only to the specific materials, products or processes tested, examined or surveyed and are not necessarily indicative of the qualities of apparently identical or similar materials, products or processes. Reports / Certificates of UL do not relieve sellers / suppliers from their contractual responsibilities with regard to the quality / quantity of the goods in delivery nor do they prejudice the Customer's right to claim against sellers / suppliers for compensation for any apparent and/or hidden defects not detected during UL's random inspection or testing or audit. The liability of UL to the Customer in contract, tort (including negligence or breach of statutory duty) or howsoever, and whatever the cause thereof, (a) for any loss of profit, business, contracts, revenues, or anticipating savings; or (b) for any special indirect or consequential damage of any nature whatsoever, shall be limited to the amount of the fee paid in respect of the specific Work(s) which give rise to such claim. For Reports / Certificates, refer to the UL VS Terms and Conditions.

UL VS Hong Kong Limited
16-17/F & 26/F, Tower B, Regent Centre
63 Wo Yi Hop Road
Kwai Chung, N.T., Hong Kong
T: +(852) 2423 3092 / F: +(852) 2480 5436 / W: ul.com

UL VS Terms and Conditions

All services are governed by the following Terms and Conditions.

- 1. Verification Services.** The UL Contracting Party ("we", "us", or "our" as the context requires) will perform commercial testing, verification, audit, assessment, inspection, and/or other services ("Services") in accordance with your instructions as described in this order, scope of work, project proposal, quotation, or order acknowledgment ("Quotation"). The Services will be limited to an assessment of your samples' conformity to requirements, specifications, and/or protocols you have established ("Your Requirements"), and do not express any opinion regarding the bulk from which the samples were drawn. The Services do not involve any assessment or evaluation to independent safety standards, and we and our affiliates have no responsibility to pay any independent safety assessment of any samples.
- 2. Retailer Programs.** If you request us to test compliance with retailer, carrier or other third party program ("Retailer") by requesting Services under the Retailer's program, you consent to our disclosure of all associated information, materials, and deliverables to such Retailer and acknowledge that, notwithstanding any terms to the contrary in these Service Terms, the ownership of the deliverables for the Services will be in accordance with the Retailer's program.
- 3. Payment Terms.** You will pay, without set off, our fees and related expenses in accordance with the Quotation including the cost of all taxes, wire or transfer fees, duties, and other fiscal charges which become due on the quoted price and will indemnify us from and against liabilities, incurred as a result of failure to pay any such sums when they become due. We may charge interest at 1% per month (12% per year), or the maximum legal rate if less than 1.0% per month, from the due date until paid fully. You agree to pay reasonable collection costs, including attorneys' fees, if necessary, in the event of late or non-payment.
- 4. Your Requirements.** You are responsible for establishing or selecting all Your Requirements that we will use in performing the Services. We may provide you with assistance in developing Your Requirements that meet your needs, however, in all cases you must review and approve Your Requirements to be used in performing the Services.
- 5. Estimated Schedule and Price.** Any time schedule and pricing terms set forth in this Quotation are estimates only and subject to change upon reasonable notice from us depending upon the specific project.
- 6. On-Site Investigations.** If we perform Services on site at your facilities, or at the facilities of other parties as directed by you; you will ensure that our representatives have safe, secure, and free access to the facilities. Our access will not be conditioned upon the execution of any agreement, waiver, or release. If our representatives are prevented from performing or completing any Services for any reason beyond our reasonable control, we will not be responsible for the nonperformance, and you may be charged for any actual expenses we incur and fees for Services performed.
- 7. Deliverables.** We will provide you with a report outlining: (i) your instructions and request for Services accepted by us, (ii) Your Requirements used in providing the Services, (iii) the Services performed, and (iv) the results of those Services. We are under no obligation to refer to or report on any facts or circumstances which are outside your specific instructions received and accepted by us.
- 8. Our Findings.** We do not guarantee that our opinions or findings will be recognized or accepted by third parties.
- 9. Use of Names and Marks.** Except as otherwise authorized by us in writing, you will not use our name, abbreviation, symbols, marks, or the name of any of our subsidiaries, affiliates, or parent on any goods or their containers or packaging, or in connection with any advertising, promotions, or otherwise.
- 10. Cancellation Fees.** If you cancel or change a Quotation: (i) for an inspection after 3:00 PM of the working day before the scheduled inspection date, we will charge you the Quotation price plus any travel costs incurred before the cancellation; (ii) for testing after we receive the sample(s) at the testing facility, we will charge you cancellation fees according to the amount of actual work performed with a minimum cancellation fee of \$100 USD; or (iii) for a scheduled audit date, you will be responsible for all incurred non-refundable travel costs associated with that audit. Any change or cancellation of an audit that occurs within 7 days of the scheduled audit will be charged a \$600 USD fee in addition to any incurred travel costs.
- 11. No Warranty.** NO REPRESENTATION, WARRANTY, OR GUARANTEE, EXPRESS OR IMPLIED, IS INCLUDED IN THESE TERMS AND CONDITIONS, OR IN ANY QUOTATION, REPORT, OR OTHER DOCUMENT PROVIDED UNDER THESE TERMS AND CONDITIONS INCLUDING, BUT NOT LIMITED TO: (i) ANY "IMPLIED WARRANTY OF MERCHANTABILITY" OR "FITNESS FOR A PARTICULAR PURPOSE", (ii) NON-INFRINGEMENT, AND (iii) THAT THE WEB SERVICES (AS DEFINED BELOW) WILL BE UNINTERRUPTED, TIMELY, SECURE, OR ERROR-FREE.
- 12. Your Information.** You represent and warrant that all information and data provided to us by you, or on your behalf, is complete and accurate and may be relied upon to provide Services. In addition, you represent and warrant that all of Your Information is owned or licensed by you, and does not infringe on the intellectual property rights of any third party. If any information or data provided to us by you or on your behalf is either incomplete or inaccurate, we will not be liable in any manner for any deficiencies in the Services.
- 13. Ownership of Work Product.** You will own the test reports or other materials provided to you pursuant to any Quotation. We may retain a copy of the test reports and other materials for our archives and for creating reports for you and third parties, as required by you.
- 14. Web Services.** We may provide you with certain website tools and related services, including the ability to order services online through a website (collectively, the "Web Services"). The Web Services are provided to you as a convenience and are provided on an "as is, as available" basis. By using the Web Services, you acknowledge and agree that no data or content transmitted over our networks, the Internet, or wirelessly, or through or in connection with the Web Services, is guaranteed to be secure or free from unauthorized intrusion, and that data stored by us, our affiliates, or our service providers may be deleted, modified, or damaged. You acknowledge that if you wish to protect your transmission of data or files to us, it is your responsibility to use a secure encrypted connection to communicate with and use the Web Services. Your use of the Web Services is at your sole risk and is subject to any terms of use applicable to such Web Services. Web Services are included in the definition of Services above.
- 15. Confidentiality.** We will not disclose your information obtained in confidence ("Confidential Information") to third parties, except our subsidiaries, affiliates, or subcontractors, without your prior written authorization. Confidential Information will not include information: (a) already known to us, (b) publicly available, (c) subsequently acquired by us from other sources without a breach of these Terms and Conditions, (d) disclosure that is necessary to perform the Services, (e) required to be produced by law or government order, or accreditation authority, or (f) related to a product bearing a UL Mark that should be disclosed to us or our affiliates pursuant to another agreement with you.
- 16. Samples.** If we require sample examination, you will ship samples to us at your expense. Upon completion of testing, the samples will be destroyed, unless other arrangements are made for return of the samples at your expense. You acknowledge that testing and sample preparation may damage or destroy the sample(s), for which we will not be liable.
- 17. LIMITATION OF LIABILITY.** OUR LIABILITY FOR ANY CLAIMS FOR LOSS, DAMAGE, OR EXPENSE OF ANY NATURE AND HOWSOEVER ARISING FOR ANY BREACH OF CONTRACT AND/OR ANY FAILURE TO EXERCISE APPROPRIATE SKILL AND CARE BY US WILL UNDER NO CIRCUMSTANCE EXCEED THE FEES RECEIVED FOR THE SPECIFIC SERVICES WHICH GIVE RISE TO SUCH CLAIMS. UNDER NO CIRCUMSTANCE WILL WE HAVE ANY LIABILITY FOR ANY CLAIMS FOR INDIRECT, CONSEQUENTIAL, INCIDENTAL, SPECIAL, EXEMPLARY, OR PUNITIVE DAMAGES OF ANY NATURE WHATSOEVER, INCLUDING BUT NOT LIMITED TO: LOSS OF PROFITS, GOODWILL, USE, DATA, FUTURE BUSINESS, OR PRODUCTION; CANCELLATION OF CONTRACTS ENTERED INTO BY YOU; OR OTHER INTANGIBLE LOSSES (EVEN IF WE HAVE BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES). UNDER NO CIRCUMSTANCE WILL WE BE LIABLE TO YOU FOR ANY CLAIMS FOR LOSS, DAMAGE, OR EXPENSE UNLESS SUCH CLAIM IS BROUGHT UNDER SECTION 24 (DISPUTES) WITHIN TWELVE MONTHS AFTER THE DATE OF THE PERFORMANCE BY US OF THE SERVICES WHICH GIVE RISE TO THE CLAIM OR, IN THE EVENT OF ANY ALLEGED NON-PERFORMANCE, WITHIN TWELVE MONTHS OF THE DATE WHEN SUCH SERVICES SHOULD HAVE BEEN COMPLETED.
- 18. Indemnification.** You will defend, hold harmless, and indemnify us and our officers, directors, trustees, employees, agents, or subcontractors against all claims made by any third party for loss, damage, or expense arising out of these Terms and Conditions, including without limitation, the performance or non-performance of any Services or the Web Services.
- 19. Waiver.** Any failure by a party to insist upon the performance of any section of these Terms and Conditions will not constitute a waiver of any rights under these Terms and Conditions or future performance of that section.
- 20. No Third Party Beneficiaries.** The parties intend that no provisions of these Terms and Conditions will in any way bind or benefit any third party or the public at large and that no third party will have any rights or cause of action under these Terms and Conditions. In particular, in the event Singapore law governs these Terms and Conditions pursuant to Section 23 (Governing Law), a person or entity who is not a party to these Terms and Conditions will have no right under the Contracts (Rights of Third Parties) Act (Chapter 53B) to enforce any term of these Terms and Conditions, regardless of whether such person or entity has been identified by name, as a member of a class, or as answering a particular description.
- 21. No Assignment.** Neither party may assign any of its rights or obligations under these Terms and Conditions to any other person without the other party's written authorization. However, we may, upon written notice, assign our rights and obligations under these Terms and Conditions to any of our affiliates or subsidiaries.
- 22. Subcontracting.** We may use subcontractors for certain testing or other Services. All subcontractors will meet our current qualification requirements and will comply with our requirements for confidentiality, conflicts of interest, and ethical standards.
- 23. Termination and Notice.** These Terms and Conditions will continue in effect until terminated by either party upon thirty days written notice or, in the event of your breach of these Terms and Conditions, immediately upon receipt of written notice to you. You will pay those fees and expenses incurred by us prior to termination. Notice to either party may be made by hand delivery, courier service, mail, facsimile, or e-mail transmission at the receiving party's designated principal place of business. Notice to us must be sent both to: UL Verification Services Pte. Ltd, Attn: President, 1 Maritime Square, Harbour Front Centre, #11-03, Singapore 099253 with a copy to UL LLC, Attn.: General Counsel at 333 Pringston Road, Northbrook, Illinois 60062. Notice will be effective upon receipt.
- 24. Governing Law:** These Terms and Conditions will be governed and interpreted by the laws of the State of Illinois, United States of America, except if: (i) UL Contracting Party's principal place of business is Asia, Australia, or New Zealand, then Singapore law, and (ii) UL Contracting Party's principal place of business is Europe, then Swiss law, without reference to the applicable jurisdiction's choice of law principles.
- 25. Disputes.** Any dispute or disagreement, other than nonpayment of fees, relating to these Terms and Conditions or the Services, will be settled by confidential, binding arbitration administered by the International Centre for Dispute Resolution of the American Arbitration Association ("AAA") pursuant to the AAA Commercial Arbitration Rules and the Procedures for Large, Complex Commercial Disputes. The arbitration venue will be Chicago, Illinois, except if: (i) UL Contracting Party's principal place of business is in Europe, the venue will be Geneva, Switzerland, and (ii) UL Contracting Party's principal place of business is in Asia, Australia, or New Zealand, the venue will be Singapore, Republic of Singapore. The arbitration will be conducted before a panel of three (3) arbitrators. The arbitration panel will be selected as follows: the parties will request a list of ten (10) arbitrators drawn from the AAA's panel of commercial arbitrators (who are experienced in and familiar with the AAA's Procedures for Large, Complex Commercial Disputes). From this list, both parties will each choose one arbitrator. After they have been notified of their panel selection, the two (2) arbitrators will agree on a third arbitrator from the list of ten (10), who will be the chair of the panel, and the panel will be final. The decision of the majority of the arbitrators will be the panel's decision. The arbitrators will not have the authority to add, change, or disregard any term of these Terms and Conditions to award incidental, consequential, or punitive damages (including, but not limited to, loss of use, unjust enrichment, and/or lost profits), or exceed the remedies provided by the limitation of liability of these Terms and Conditions. The panel's decision will be binding and judgment on the arbitration award may be entered by a court of competent jurisdiction. Arbitration will be the final remedy for any dispute between the parties arising out of these Terms and Conditions, provided, however, that nothing herein will prevent either party from seeking a court order for injunctive relief (in addition to other remedies) to stop or prevent misuse or misappropriation of its marks, confidential or proprietary information, or infringement of its intellectual property, in a court of law. All arbitrations will be conducted in English.
- 26. Severability.** If any section of these Terms and Conditions is held invalid, void, or unenforceable for any reason that section will be severed, and all other sections of these Terms and Conditions will remain valid to the extent permissible under law.
- 27. Modifications.** These Terms and Conditions are the entire and complete agreement between the parties and supersede any other communications, representations, or agreements with respect to its subject matter. Under no circumstances will any preprinted, additional, or different terms and conditions on your requests for quotation, purchase orders, invoices, sales or marketing materials, emails, any acceptance communications, or other business documents apply to any Services or Quotation or bind us in any manner. Modifications that have not been made by us or that have not been accepted by us in a written or emailed confirmation from us are not accepted by us, and commencement of performance will not signify acceptance by us of any such modifications. Any such modifications are excluded from our agreement, and such modifications will not be a binding agreement on us.
- 28. Order of Precedence.** Except for conflicts with Section 2 (Payment Terms), Section 4 (Estimated Schedule and Price) and Section 9 (Cancellation Fees), these Terms and Conditions will take precedence over any conflicting terms in any Quotation.
- 29. Electronic Signature.** These Terms and Conditions may be executed and delivered by facsimile, PDF, or by means of other electronic signature. Our electronic, digital, or hard copies of these Terms and Conditions, your acceptance, and Quotations as signed, or otherwise accepted, by you will be the true, complete, valid, authentic, and enforceable copies of these documents. You agree that you will not contest the admissibility or enforceability of our copies in a court or any proceeding arising out of such documents.
- 30. Force Majeure.** Neither party will be liable for any failure or delay in the performance of its obligations due to fire, flood, earthquake, elements of nature, or acts of God, acts of war, terrorism, riots, civil disorder, rebellions, or other similar cause beyond the reasonable control of the party affected, provided such default or delay: (i) could not have been prevented by reasonable precautions; (ii) cannot reasonably be circumvented; (iii) and the party hindered or delayed immediately notifies the other party describing the circumstance causing delay.