

21503



# TEST REPORT

REPORT No.: RSZ1206123828E

Date: June 28, 2012

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Report on the submitted samples said to be:

Sample name : 10" Cozy Plush Elephant  
 Style /Item No. : LN9216  
 Test Age Request : All ages  
 Tested Age Grading : All ages  
 Country Of Origin : China  
 Country of Destination : UK  
 Sample Receiving Date : June 14, 2012  
 Testing Period : From June 14, 2012 to June 28, 2012  
 Results : Please refer to next page(s).

Signed for and on behalf of  
BACL

Checked by: *Evan* Evan Huang Technical Supervisor  
*Christy* Christy Wang Laboratory Vice Manager  
 Approved by: *William* William Wei Laboratory Manager

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**Summary of Test Results:**

**TEST REQUEST**

**CONCLUSION**

<b>A</b>	European Standard on Safety of Toys	
	1.EN 71-1:2011 - Mechanical and Physical Properties	Pass
	2.EN 71-2:2011 - Flammability	Pass
	3.EN 71-3:1994 +A1:2000+AC:2002 - Migration of Certain Elements	Pass
	Entry 43 of Regulation (EC) No 552/2009 amending Annex XVII of Reach regulation (EC)	
<b>B</b>	No -1907/2006 on AZO colorants content(formerly known as 2002/61/EC) (Test as the requirement of Client)	---

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### Results:

Tested part(s) (only for chemical test items):

- (1) Grey printed white fabric(sewn label)
  - (2) Grey/blue/white fabric(sewn label)
  - (3) Grey plush(body)
  - (4) Black/white thread(eyes)
  - (5) Beige soft fabric(teeth)
  - (6) Beige felt(feet)
  - (7) Flesh short plush(ear/feet)
  - (8) Grey soft fabric(nose)
- \*\*\*\*\*

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**Results:**

**A.1. EN71-1-Safety aspects related to Mechanical and physical properties**

<u>Section</u>	<u>Description</u>	<u>Result</u>
4	General Requirements	
4.1	Material cleanliness	Pass
4.2	Assembly	NA
4.3	Flexible plastic sheeting	NA
4.4	Toy bags	NA
4.5	Glass	NA
4.6	Expanding materials	NA
4.7	Edges	Pass
4.8	Points and metallic wires	Pass
4.9	Protruding parts	NA
4.10	Parts moving against each other	NA
4.11	Mouth-actuated toys and other toys intended to be put in the mouth	NA
4.12	Balloons	NA
4.13	Cords of toy kites and other flying toys	NA
4.14	Enclosures	NA
4.15	Toys intended to bear the mass of a child	NA
4.16	Heavy immobile toys	NA
4.17	Projectiles	NA
4.18	Aquatic toys and inflatable toys	NA
4.19	Percussion caps specifically designed for use in toys and toys using percussion caps	NA
4.20	Acoustics	NA
4.21	Toys containing a non-electrical heat source	NA
4.22	Small balls	NA
4.23	Magnets	NA
4.24	Yo-yo balls	NA
4.25	Toys attached to food	NA

\*\*\*\*\*

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Section	Description	Result
6	Toys intended for children under 36 months	
5.1	General requirements	Pass
5.2	Soft-filled toys and soft-filled parts of a toy	Pass
5.3	Plastic sheeting	NA
5.4	Cords, chains and electrical cables in toys	NA
5.5	Liquid-filled toys	NA
5.6	Speed limitation of electrically-driven ride-on toys	NA
5.7	Glass and porcelain	NA
5.8	Shape and size of certain toys	NA
5.9	Toys comprising monofilament fibres	NA
5.10	Small balls	NA
5.11	Play figures	NA
5.12	Hemispheric-shaped toys	NA
5.13	Suction cups	NA
5.14	Straps intended to be worn fully or partially around the neck	NA
6	Packaging	NA
7	Warnings, markings and instructions for use	Pass

NA = Not Applicable

Use and abuse testing:

Applicable section	Description	Test Condition
8.3	Torque test	0.34Nm or 180°
8.4.2.1	Tension test (general)	90N
8.4.2.2	Tension test (seams and materials)	70N
8.5	Drop test	5 drops at 850mm
8.7	Impact test	A mass of 1kg, 100mm
8.8	Compression test	110N

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## A.2. EN71-2-Flammability

Section	Description	Result
4	Requirements	
4.1	General	Pass
4.2	Toys to be worn on the head	NA
4.3	Toy disguise costumes and toys intended to be worn by a child in play	NA
4.4	Toys intended to be entered by a child	NA
4.5	Soft-filled toys	Pass

NA = Not Applicable

Note: In accordance with the EN71-2, the burning rate should not be greater than 30mm per second.

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### A.3. EN 71-3:1994+A1: 2000+AC:2002 – Migration of Certain Elements

Test method: With reference to EN 71-3:1994+ A1:2000+AC:2002. Analysis was performed by inductively coupled plasma atomic emission spectrometer (ICP-AES)

Item	Unit	MDL	Results						Limit
			(1)	(2)	(3)	(4)	(5)	(6)	
Soluble Lead (Pb)	mg/kg	2	< 2	< 2	< 2	< 2	< 2	< 2	90 mg/kg
Soluble Antimony (Sb)	mg/kg	2	< 2	< 2	< 2	< 2	< 2	< 2	60 mg/kg
Soluble Arsenic (As)	mg/kg	2	< 2	< 2	< 2	< 2	< 2	< 2	25 mg/kg
Soluble Barium (Ba)	mg/kg	2	< 2	< 2	< 2	< 2	< 2	< 2	1000 mg/kg
Soluble Cadmium (Cd)	mg/kg	2	< 2	< 2	< 2	< 2	< 2	< 2	75 mg/kg
Soluble Chromium (Cr)	mg/kg	2	< 2	< 2	< 2	< 2	< 2	< 2	60 mg/kg
Soluble Mercury (Hg)	mg/kg	2	< 2	< 2	< 2	< 2	< 2	< 2	60 mg/kg
Soluble Selenium (Se)	mg/kg	2	< 2	< 2	< 2	< 2	< 2	< 2	500 mg/kg
Conclusion	/	/	Pass	Pass	Pass	Pass	Pass	Pass	/

Item	Unit	MDL	Results		Limit
			(7)	(8)	
Soluble Lead (Pb)	mg/kg	2	< 2	< 2	90 mg/kg
Soluble Antimony (Sb)	mg/kg	2	< 2	< 2	60 mg/kg
Soluble Arsenic (As)	mg/kg	2	< 2	< 2	25 mg/kg
Soluble Barium (Ba)	mg/kg	2	< 2	< 2	1000 mg/kg
Soluble Cadmium (Cd)	mg/kg	2	< 2	< 2	75 mg/kg
Soluble Chromium (Cr)	mg/kg	2	< 2	< 2	60 mg/kg
Soluble Mercury (Hg)	mg/kg	2	< 2	< 2	60 mg/kg
Soluble Selenium (Se)	mg/kg	2	< 2	< 2	500 mg/kg
Conclusion	/	/	Pass	Pass	/

Note:

- < = Less than
- MDL = Method Detection Limit
- mg/kg = ppm

\*\*\*\*\*

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**B. Entry 43 of Regulation (EC) No 552/2009 amending Annex XVII of Reach regulation (EC) No 1907/2006 on AZO colorants content(formerly known as 2002/61/EC) (Test as the requirement of Client)**

Test method: With reference to EN 14362-2: 2003+AC:2005 , Analysis was performed by gas chromatographic-mass spectrometer (GC-MS)

No.	Item	CAS No.	Unit	MDL	Results		Limit
					(3)	(7)	
1	4-aminodiphenyl/xenylamine/Biphenyl-4-ylamine	92-67-1	mg/kg	5	N.D.	N.D.	30mg/kg
2	Benzidine	92-87-5	mg/kg	5	N.D.	N.D.	30mg/kg
3	4-chlor-o-toluidine	95-69-2	mg/kg	5	N.D.	N.D.	30mg/kg
4	2-naphthylamine	91-59-8	mg/kg	5	N.D.	N.D.	30mg/kg
5	o-aminoazotoluene/4-o-tolylazo-o-toluidine/ 4-amino-2',3-dimethylazobenzene	97-56-3	mg/kg	5	N.D.	N.D.	30mg/kg
6	2-amino-4-nitrotoluol/5-nitro-o-toluidine	99-55-8	mg/kg	5	N.D.	N.D.	30mg/kg
7	p-chloranilin/4-chloroaniline	106-47-8	mg/kg	5	N.D.	N.D.	30mg/kg
8	2,4-diaminoanisol/ 4-methoxy-m-phenylenediamine	615-05-4	mg/kg	5	N.D.	N.D.	30mg/kg
9	4,4'-diaminodiphenylmethane/ 4,4'-methylenedianiline	101-77-9	mg/kg	5	N.D.	N.D.	30mg/kg
10	3,3'-dichlorobenzidine/ 3,3'dichlorobiphenyl-4,4'-ylenediamine	91-94-1	mg/kg	5	N.D.	N.D.	30mg/kg
11	3,3'-dimethoxybenzidine/o-dianisidine	119-90-4	mg/kg	5	N.D.	N.D.	30mg/kg
12	3,3'-dimethybenzidine/4,4'-bi-o-Toluidine	119-93-7	mg/kg	5	N.D.	N.D.	30mg/kg

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No.	Item	CAS No.	Unit	MDL	Results		Limit
					(3)	(7)	
13	3,3'-dimethyl-4,4'-diaminodiphenylmethane/ 4,4'-methylenedi- <i>o</i> -toluidine	838-88-0	mg/kg	5	N.D.	N.D.	30mg/kg
14	<i>p</i> -cresidin/6-methoxy- <i>m</i> -toluidine	120-71-8	mg/kg	5	N.D.	N.D.	30mg/kg
15	4,4'-methylen-bis-(2-chloro-aniline)/ 2,2'-dichloro-4,4'methylene-dianiline	101-14-4	mg/kg	5	N.D.	N.D.	30mg/kg
16	4,4'-oxydianiline	101-80-4	mg/kg	5	N.D.	N.D.	30mg/kg
17	4,4'-thiodianiline	139-55-1	mg/kg	5	N.D.	N.D.	30mg/kg
18	<i>o</i> -toluidine/2-aminotoluene	95-53-4	mg/kg	5	N.D.	N.D.	30mg/kg
19	2,4-toluylendiamine/4-methyl- <i>m</i> -phenylenedi amine	95-80-7	mg/kg	5	N.D.	N.D.	30mg/kg
20	2,4,5-trimethylaniline	137-17-7	mg/kg	5	N.D.	N.D.	30mg/kg
21	4-aminoazobenzene*	60-09-3	mg/kg	5	N.D.	N.D.	30mg/kg
22	<i>o</i> -anisidine/ 2-methoxyaniline	90-04-0	mg/kg	5	N.D.	N.D.	30mg/kg
23	2,4-Xylidine	95-68-1	mg/kg	5	N.D.	N.D.	30mg/kg
24	2,6-Xylidine	87-62-7	mg/kg	5	N.D.	N.D.	30mg/kg
	<b>Conclusion</b>	<i>/</i>	<i>/</i>	<i>/</i>	<b>Pass</b>	<b>Pass</b>	

**Note:**

- N.D. = Not Detected or less than MDL
- MDL = Method Detection Limit
- mg/kg = ppm
- \*: The EN 14362-2:2003 method will enable further cleavage of 4-aminoazobenzene to non-forbidden amines: aniline or 1,4-phenylenediamine. If the test result for 4-aminoazobenzene (CAS No. 60-09-3) is considered as "Not Detected" (i.e. <5mg/kg) since both aniline and / or 1,4-phenylenediamine is not found (i.e. <5mg/kg) by mentioned test method. Otherwise the test method of §64LFGB BVL B 82.02.9 is employed to verify the presence of 4-aminoazobenzene
- EN 14362-2: 2003+AC:2005 is corresponding to § 64 LFGB LMBG BVL B 82.02-4 of the German Commodities Ordinance
- Photo appendix is included.

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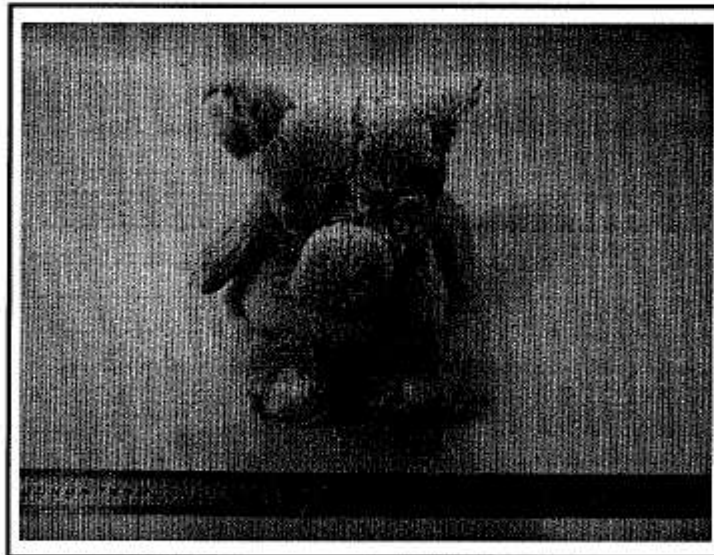
REPORT No.: RSZ1206123828E

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### Appendix

Photograph of Sample



BACL authenticate the photo on original report only

\*\*\* End of Report \*\*\*

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Bureau Veritas Consumer Products Services UK Ltd

## TEST REPORT

**REPORT REF:** ALC P : 160103 : 0614 **SAMPLE RECEIVED:** 26/06/2014  
**REPORT ISSUED:** 18/07/2014

**SAMPLE DESCRIPTION:** **Cozy Plush**  
Owl - CP-OW-2  
Hedgehog - CP-HED-2  
Turtle - CP-TUR-1  
Cow - CP-COW-3  
Curly Bear - CP-BEA-4  
Beige Bear - CP-BEA-5  
Fox - CP-FOX-1  
Giraffe - CP-GIR-1  
Bunny - CP-BUN-3  
Badger - CP-BAD-1

**ORDER No :** N/A

**APPLICANT:**

**EVALUATION TO:** BS 8433:2004 Microwavable personal warmers, excluding requirements for plant materials.

**CONCLUSION:** The sample complied with the above evaluation.

**Signature:**

**Amir Khalid - Hardlines Manager**  
**AUTHORISED SIGNATORY**

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REPORT: ALC P : 160103 : 0614

REPORT ISSUED: 18/07/2014

## SUMMARY OF EXAMINATION:

### INTRODUCTION:

An examination was requested to ascertain compliance with the requirements as detailed on page one of this report. The following clauses were considered applicable and our findings were as follows:

#### BS 8433:2004

CLAUSE	DESCRIPTION	RESULT	* COMMENTS
4	COMPOSITION	Pass	See note 1
5	PERFORMANCE REQUIREMENTS	-	See note 2
5.1	Microwavability	Pass	-
5.2.1	Accessibility - General	Pass	-
5.2.2	Determination of pressure resistance	Pass	-
5.2.3	MPWs having pervious primary covers	Pass	-
5.2.4	MPWs having impervious primary covers	Not applicable	-
5.3.2	Determination of resistance to overheating	Pass	-
5.3.3	Pressure resistance	Pass	-
5.3.4	Flammability	Pass	-
6	INFORMATIVE LABELLING	-	-
6.1	Product marking	Pass	-
6.2	Durability of marking	Pass	-
6.3	Accompanying instructions	Pass	-
6.4	Packaging/labelling	Pass	-

\* See Annex 1 : Notes

**ANNEX I: NOTES**

- I The sample shall comply with the requirements of BS EN 71-3:1995. The sample was tested to BS EN 71-3:2013.

**Date of test: 04/07/2014**

An ICP mass spectrometer was used for the analyses. For results refer to Annex II.

It was assumed that components of a similar type and colour were of identical chemical composition.

Textile test sample number 11 weighed less than 100mg. It was therefore tested with the fabric substrates.

## Description of test portion and additional information (where applicable):

- 1 Golden curly pile fabric body (Curly Bear)
- 2 Black thread nose and mouth
- 3 Representative sample of black and white embroidered thread eyes
- 4 Peach plush fabric feet
- 5 Shiny white fabric label with black print
- 6 White woven fabric Intelex label with blue and grey embroidery
- 7 Pale grey mid pile fabric body (Hedgehog)
- 8 Cream mid pile fabric stomach
- 9 Pale cream plush fabric face, ears feet
- 10 Black plush fabric nose
- 11 Cream embroidered thread mouth
- 12 Shiny black mid pile fabric body (Badger)
- 13 Bright white mid pile fabric body
- 14 Dark grey mid pile fabric on back of body
- 15 Soft dull black brushed fabric ears
- 16 Beige mid pile fabric body (Beige Bear)
- 17 Beige plush fabric face, ears, feet
- 18 Fawn mid pile fabric body (Bunny)
- 19 Bright white plush fabric snout, ears, feet
- 20 Brown plush fabric nose
- 21 Dark orange mid pile fabric body (Fox)
- 22 Cream pile fabric with brown giraffe print (Giraffe)
- 23 Dark brown plush fabric feet and horns
- 24 Dark cream plush fabric snout and ears
- 25 Dark brown embroidered thread mouth and nostrils
- 26 Dark brown mid pile fabric on end of tail
- 27 Pink plush fabric ears (Cow)
- 28 Cream brushed fabric horns
- 29 Dark fawn pile fabric body
- 30 Mid fawn plush fabric feet
- 31 Bright white pile fabric body with grey print (Owl)
- 32 Clear plastic eyes
- 33 Green plush fabric shell (Turtle)
- 34 Golden plush fabric body

**Date of test: 16/07/2014**

The results for (combined) chromium detected in component numbers 1, 3, 4, 5, 6, 7, 9, 11, 18, 19, 20 and 25 were above the limit for chromium VI (0.2mg/kg) or fell within our uncertainty of measurement. The components were analysed using an in-house method (CPSD-AN-550 - Detection of Chromium VI by Ion Chromatography - IC-UV/Vis). The results were as follows :-

Component	Result mg/kg
1 Golden curly pile fabric body (Curly Bear)	< 0.03
3 Representative sample of black and white embroidered thread eyes	< 0.03
4 Peach plush fabric feet	< 0.03
5 Shiny white fabric label with black print	< 0.03
6 White woven fabric Intalex label with blue and grey embroidery	< 0.03
7 Pale grey mid pile fabric body (Hedgehog)	< 0.03
9 Pale cream plush fabric face, ears feet	< 0.03
11 Cream embroidered thread mouth	< 0.03
18 Fawn mid pile fabric body (Bunny)	< 0.03
19 Bright white plush fabric snout, ears, feet	< 0.03
20 Brown plush fabric nose	< 0.03
25 Dark brown embroidered thread mouth and nostrils	< 0.03

Chromium VI limit = 0.2mg/kg

**Conclusion**

It can be seen from the attached results that the components tested had extractable metal contents below the limits specified. The sample therefore complies with the requirements of BS EN 71-3:2013.

When the heatable medium consists of plant materials, it shall not contain additives, toxic substances, pesticides or other contaminants that can affect human health. This was not evaluated. The sample shall not contain any metal components. No metal components were present.

- 2 The samples were examined before testing and no defects were noted.

Testing was conducted with a 1000 W domestic microwave oven. This oven had not been evaluated by ourselves for compliance with BS EN 60335-2-25:1997.



ANNEX II : TECHNICAL DATA

Job Number		P.160103.0614(1-30)																							
SOLUBLE MIGRATED ELEMENT IN MILLIGRAMS PER KILOGRAM																									
Component Number	CAT	Al	Sb	As	Ba	B	Cd	Cr <sup>VI</sup>	Cr <sup>III</sup>	Co	Cu	Pb	Mn	Hg	Ni	Se	Sr	Sn <sup>II</sup>	OrSn	Zn					
1	3	<100	1.47	<0.05	<100	<50	<0.05	0.12	N	<0.2	<15	<0.5	<30	<0.1	<1	<0.5	<100	<0.04	N/R	<50					
2	3	<100	<1	<0.05	<100	<50	<0.05	0.11	N/R	<0.1	<15	<0.5	<30	<0.1	<1	<0.5	<100	<0.04	N/R	<50					
3	3	<100	<1	<0.05	<100	<50	<0.05	1.84	N	<0.1	<15	<0.5	<30	<0.1	<1	<0.5	<100	0.06	N/R	<50					
4	3	<100	<1	<0.05	<100	<50	<0.05	1.19	N	<0.1	<15	<0.5	<30	<0.1	<1	<0.5	<100	0.06	N/R	<50					
5	3	117.06	<1	<0.05	<100	<50	<0.05	0.35	N	<0.1	<15	<0.5	<30	<0.1	<1	<0.5	<100	0.06	N/R	<50					
6	3	<100	0.27	<0.05	<100	<50	<0.05	0.39	N	<0.1	<15	<0.5	<30	<0.1	<1	<0.5	<100	0.04	N/R	<50					
7	3	<100	<1	<0.05	<100	<50	<0.05	0.42	N	<0.1	<15	<0.5	<30	<0.1	<1	<0.5	<100	0.05	N/R	<50					
8	3	<100	<1	<0.05	<100	<50	<0.05	0.11	N/R	<0.1	<15	<0.5	<30	<0.1	<1	<0.5	<100	<0.04	N/R	<50					
9	3	<100	<1	<0.05	<100	<50	<0.05	0.66	N	<0.1	<15	<0.5	<30	<0.1	<1	<0.5	<100	<0.04	N/R	<50					
10	3	<100	<1	<0.05	<100	<50	<0.05	0.34	N/R	<0.1	<15	<0.5	<30	<0.1	<1	<0.5	<100	0.28	N/R	<50					
CAT	Al	Sb	As	Ba	B	Cd	Cr	CrVI	Co	Cu	Pb	Mn	Hg	Ni	Se	Sr	Sn	OrSn	Zn						
1 - Powder	5625	45	3.4	1500	1200	1.3	37.5	0.02	10.5	622.5	13.3	1200	7.5	75	37.5	6000	15000	0.9	3750						
1 - Liquid	1406	11.3	0.9	375	300	0.3	9.4	0.005	2.6	156	3.4	300	1.9	18.8	9.4	1125	3750	0.2	938						
1 - Scrap	70000	560	47	18750	15000	17	460	0.2	130	7700	100	15000	94	930	460	56000	140000	12	46000						

Cr<sup>VI</sup> All results are reported as combined Cr (Cr III and Cr VI). If the result exceeds Cr VI limits further testing is required.  
Cr VI Limits - Powder like materials 0.02mg/kg / Liquid 0.005 mg/kg / Scrap 0.2 mg/kg

Sn<sup>II</sup> All results are reported as Sn. If the sample exceeds "Threshold of Tin content in terms of Tributyltin (TBT)" a test for Organotin is required. (Threshold limit) - Powder like materials 0.37mg/kg / Liquid 0.08mg/kg / Scrap 4.52mg/kg

N/R - Not required

Job Number		P.160103.0614(11-30)																							
SOLUBLE MIGRATED ELEMENT IN MILLIGRAMS PER KILOGRAM																									
Component Number	CAT	Al	Sb	As	Ba	B	Cd	Cr <sup>VI</sup>	Cr <sup>III</sup>	Co	Cu	Pb	Mn	Hg	Ni	Se	Sr	Sn <sup>II</sup>	OrSn	Zn					
11	3	107.35	<1	<0.05	<100	<50	<0.05	0.44	N	<0.1	<15	<0.5	<30	<0.1	<1	<0.5	<100	<0.04	N/R	<50					
12	3	<100	1.18	<0.05	<100	<50	<0.05	0.13	N/R	<0.1	<15	<0.5	<30	<0.1	<1	<0.5	<100	<0.04	N/R	<50					
13	3	<100	1.24	<0.05	<100	<50	<0.05	0.64	N/R	<0.1	<15	<0.5	<30	<0.1	<1	<0.5	<100	<0.04	N/R	<50					
14	3	<100	<1	<0.05	<100	<50	<0.05	0.87	N/R	<0.1	<15	<0.5	<30	<0.1	<1	<0.5	<100	0.05	N/R	<50					
15	3	<100	<1	<0.05	<100	<50	<0.05	0.89	N/R	<0.1	<15	<0.5	<30	<0.1	<1	<0.5	<100	0.04	N/R	<50					
16	3	<100	<1	<0.05	<100	<50	<0.05	0.03	N/R	<0.1	<15	<0.5	<30	<0.1	<1	<0.5	<100	<0.04	N/R	<50					
17	3	<100	<1	<0.05	<100	<50	<0.05	0.08	N/R	<0.1	<15	<0.5	<30	<0.1	<1	<0.5	<100	<0.04	N/R	<50					
18	3	<100	<1	<0.05	<100	<50	<0.05	0.17	N	<0.1	<15	<0.5	<30	<0.1	<1	<0.5	<100	<0.04	N/R	<50					
19	3	<100	1.60	<0.05	<100	<50	<0.05	0.45	N	<0.1	<15	<0.5	<30	<0.1	<1	<0.5	<100	<0.04	N/R	<50					
20	3	<100	1.15	<0.05	<100	<50	<0.05	0.44	N	<0.1	<15	<0.5	<30	<0.1	<1	<0.5	<100	<0.04	N/R	<50					
CAT	Al	Sb	As	Ba	B	Cd	Cr	CrVI	Co	Cu	Pb	Mn	Hg	Ni	Se	Sr	Sn	OrSn	Zn						
1 - Powder	5625	45	3.4	1500	1200	1.3	37.5	0.02	10.5	622.5	13.3	1200	7.5	75	37.5	6000	15000	0.9	3750						
1 - Liquid	1406	11.3	0.9	375	300	0.3	9.4	0.005	2.6	156	3.4	300	1.9	18.8	9.4	1125	3750	0.2	938						
1 - Scrap	70000	560	47	18750	15000	17	460	0.2	130	7700	100	15000	94	930	460	56000	140000	12	46000						

Cr<sup>VI</sup> All results are reported as combined Cr (Cr III and Cr VI). If the result exceeds Cr VI limits further testing is required.  
Cr VI Limits - Powder like materials 0.02mg/kg / Liquid 0.005 mg/kg / Scrap 0.2 mg/kg

Sn<sup>II</sup> All results are reported as Sn. If the sample exceeds "Threshold of Tin content in terms of Tributyltin (TBT)" a test for Organotin is required. (Threshold limit) - Powder like materials 0.37mg/kg / Liquid 0.08mg/kg / Scrap 4.52mg/kg

N/R - Not required



BUREAU VERITAS

REPORT: ALC P : 160103 : 0614

REPORT ISSUED: 18/07/2014

Job Number		P 160103.0614(31-36)																																			
		SOLUBLE MIGRATED ELEMENT IN MILLIGRAMS PER KILOGRAM																																			
Component Number	CAT	Al	Si	As	Sb	B	Cd	Cr <sup>6+</sup>	CrVI	Cu	Pb	Mn	Hg	Ni	Se	Sr	Sn <sup>6+</sup>	CrSn	Zn	Al	Si	As	Sb	B	Cd	Cr <sup>6+</sup>	CrVI	Cu	Pb	Mn	Hg	Ni	Se	Sr	Sn	CrSn	Zn
		21	1	<100	<1	<0.05	<100	<10	<0.25	0.02	N/R	<0.3	<0.5	<0.8	<10	<1	<10	<100	0.12	N/R	<100	<100	<1	<0.05	<100	<10	<0.25	0.02	N/R	<0.3	<0.5	<0.8	<10	<1	<10	<100	0.12
22	1	<100	2.83	<0.05	<100	<10	<0.25	0.06	N/R	<0.3	<0.5	<0.8	<10	<1	<10	<100	0.04	N/R	<100	<100	<1	<0.05	<100	<10	<0.25	0.02	N/R	<0.3	<0.5	<0.8	<10	<1	<10	<100	0.04	N/R	<100
23	1	<100	<1	<0.05	<100	<10	<0.25	0.07	N/R	<0.3	<0.5	<0.8	<10	<1	<10	<100	0.04	N/R	<100	<100	<1	<0.05	<100	<10	<0.25	0.02	N/R	<0.3	<0.5	<0.8	<10	<1	<10	<100	0.04	N/R	<100
24	1	<100	2.84	<0.05	<100	<10	<0.25	0.12	N/R	<0.3	<0.5	<0.8	<10	<1	<10	<100	0.05	N/R	<100	<100	<1	<0.05	<100	<10	<0.25	0.02	N/R	<0.3	<0.5	<0.8	<10	<1	<10	<100	0.05	N/R	<100
25	1	319.41	<1	<0.05	<100	<10	<0.25	0.24	N/R	<0.3	<0.5	<0.8	<10	<1	<10	<100	0.04	N/R	<100	<100	<1	<0.05	<100	<10	<0.25	0.02	N/R	<0.3	<0.5	<0.8	<10	<1	<10	<100	0.04	N/R	<100
26	1	<100	<1	<0.05	<100	<10	<0.25	0.06	N/R	<0.3	<0.5	<0.8	<10	<1	<10	<100	0.04	N/R	<100	<100	<1	<0.05	<100	<10	<0.25	0.02	N/R	<0.3	<0.5	<0.8	<10	<1	<10	<100	0.04	N/R	<100
27	1	<100	<1	<0.05	<100	<10	<0.25	0.08	N/R	<0.3	<0.5	<0.8	<10	<1	<10	<100	0.04	N/R	<100	<100	<1	<0.05	<100	<10	<0.25	0.02	N/R	<0.3	<0.5	<0.8	<10	<1	<10	<100	0.04	N/R	<100
28	1	<100	<1	<0.05	<100	<10	<0.25	0.01	N/R	<0.3	<0.5	<0.8	<10	<1	<10	<100	0.04	N/R	<100	<100	<1	<0.05	<100	<10	<0.25	0.02	N/R	<0.3	<0.5	<0.8	<10	<1	<10	<100	0.04	N/R	<100
29	1	<100	<1	<0.05	<100	<10	<0.25	0.04	N/R	<0.3	<0.5	<0.8	<10	<1	<10	<100	0.04	N/R	<100	<100	<1	<0.05	<100	<10	<0.25	0.02	N/R	<0.3	<0.5	<0.8	<10	<1	<10	<100	0.04	N/R	<100
30	1	<100	<1	<0.05	<100	<10	<0.25	0.02	N/R	<0.3	<0.5	<0.8	<10	<1	<10	<100	0.04	N/R	<100	<100	<1	<0.05	<100	<10	<0.25	0.02	N/R	<0.3	<0.5	<0.8	<10	<1	<10	<100	0.04	N/R	<100
Limit - Powder	1	5000	45	3.8	1500	1200	1.3	27.5	0.02	10.5	622.5	13.5	1200	7.5	75	37.5	4500	15000	0.5	3750	1400	140	15000	94	930	400	55000	280000	12	46000	10000	0.5	3750	1400	140	15000	
Limit - Liquid	2	1400	11.3	0.9	375	300	0.3	5.4	0.005	2.6	156	3.4	300	1.9	18.8	9.4	1135	3750	0.2	930	140	140	15000	94	930	400	55000	280000	12	46000	10000	0.2	930	140	140	15000	
Limit - Scrape	3	30000	540	47	18750	15000	17	450	0.1	120	7700	160	15000	94	930	400	55000	280000	12	46000	1400	140	15000	94	930	400	55000	280000	12	46000	10000	0.2	930	140	140	15000	

Cr<sup>6+</sup> All results are reported as combined Cr (Cr III and Cr VI) . If the result exceeds Cr VI limits further testing is required.  
Cr VI Limits - Powder like materials 0.02mg/kg / Liquid 0.005 mg/kg / Scrape 0.2 mg/kg.

Sn<sup>6+</sup> All results are reported as Tin. If the sample exceeds "Threshold of Tin content in terms of Tributyltin (TBT)" a test for Organotin is required. (Threshold limit) - Powder like materials 0.37mg/kg / Liquid 0.08mg/kg / Scrape 4.92mg/kg.

N/R - Not required

Job Number		P 160103.0614(31-34)																																			
		SOLUBLE MIGRATED ELEMENT IN MILLIGRAMS PER KILOGRAM																																			
Component Number	CAT	Al	Si	As	Sb	B	Cd	Cr <sup>6+</sup>	CrVI	Cu	Pb	Mn	Hg	Ni	Se	Sr	Sn <sup>6+</sup>	CrSn	Zn	Al	Si	As	Sb	B	Cd	Cr <sup>6+</sup>	CrVI	Cu	Pb	Mn	Hg	Ni	Se	Sr	Sn	CrSn	Zn
		31	1	<100	<1	<0.05	<100	<10	<0.25	0.02	N/R	<0.3	<0.5	<0.8	<10	<1	<10	<100	0.12	N/R	<100	<100	<1	<0.05	<100	<10	<0.25	0.02	N/R	<0.3	<0.5	<0.8	<10	<1	<10	<100	0.12
32	1	<100	<1	<0.05	<100	<10	<0.25	0.01	N/R	<0.3	<0.5	<0.8	<10	<1	<10	<100	0.12	N/R	<100	<100	<1	<0.05	<100	<10	<0.25	0.02	N/R	<0.3	<0.5	<0.8	<10	<1	<10	<100	0.12	N/R	<100
33	1	<100	<1	<0.05	<100	<10	<0.25	0.02	N/R	<0.3	<0.5	<0.8	<10	<1	<10	<100	0.06	N/R	<100	<100	<1	<0.05	<100	<10	<0.25	0.02	N/R	<0.3	<0.5	<0.8	<10	<1	<10	<100	0.06	N/R	<100
34	1	<100	<1	<0.05	<100	<10	<0.25	0.02	N/R	<0.3	<0.5	<0.8	<10	<1	<10	<100	0.06	N/R	<100	<100	<1	<0.05	<100	<10	<0.25	0.02	N/R	<0.3	<0.5	<0.8	<10	<1	<10	<100	0.06	N/R	<100
Limit - Powder	1	5000	45	3.8	1500	1200	1.3	27.5	0.02	10.5	622.5	13.5	1200	7.5	75	37.5	4500	15000	0.5	3750	1400	140	15000	94	930	400	55000	280000	12	46000	10000	0.5	3750	1400	140	15000	
Limit - Liquid	2	1400	11.3	0.9	375	300	0.3	5.4	0.005	2.6	156	3.4	300	1.9	18.8	9.4	1135	3750	0.2	930	140	140	15000	94	930	400	55000	280000	12	46000	10000	0.2	930	140	140	15000	
Limit - Scrape	3	30000	540	47	18750	15000	17	450	0.1	120	7700	160	15000	94	930	400	55000	280000	12	46000	1400	140	15000	94	930	400	55000	280000	12	46000	10000	0.2	930	140	140	15000	

Cr<sup>6+</sup> All results are reported as combined Cr (Cr III and Cr VI) . If the result exceeds Cr VI limits further testing is required.  
Cr VI Limits - Powder like materials 0.02mg/kg / Liquid 0.005 mg/kg / Scrape 0.2 mg/kg.

Sn<sup>6+</sup> All results are reported as Tin. If the sample exceeds "Threshold of Tin content in terms of Tributyltin (TBT)" a test for Organotin is required. (Threshold limit) - Powder like materials 0.37mg/kg / Liquid 0.08mg/kg / Scrape 4.92mg/kg.

N/R - Not required





**BUREAU  
VERITAS**

REPORT: ALC P : 160103 : 0614

REPORT ISSUED: 18/07/2014

<b>SAMPLE DESCRIPTION</b>	<b>Cozy Plush</b>
	Owl - CP-OW-2
	Hedgehog - CP-HED-2
	Turtle - CP-TUR-1
	Cow - CP-COW-3
	Curly Bear - CP-BEA-4
	Beige Bear - CP-BEA-5
	Fox - CP-FOX-1
	Giraffe - CP-GIR-1
	Bunny - CP-BUN-3
	Badger - CP-BAD-1



FIGURE 1