



**BUREAU  
VERITAS**

Notified Body No 406 under Directive  
88/378/EEC – Safety of Toys  
Organisme notifié sous le numéro 406  
Selon la directive 88/378/EEC – Sécurité des jouets

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## CERTIFICATE OF COMPLIANCE Certificat de Conformité

CLIENT: PROCON (ASIA) LTD

TEST REPORT NUMBER: (5207)160-0381      DATE OF ISSUANCE: JUNE 18, 2007  
RAPPORT D'ESSAIS N°      DATE DU CERTIFICAT

SAMPLE REFERENCE NO: (88168), (88060), (88061),      DATE RECEIVED: JUNE 08, 2007  
REFERENCE DE L'ECHANTILLON (88096), (88106), (88107),      DATE DE RECEPTION  
(88108), (88115), (88094),  
(88095), (88116), (88117),  
(88097), (88101), (88102),  
(88152), (88103), (88104),  
(88105)

ASSORTMENT NO.: N/A      CLIENT REFERENCE NO.: N/A  
NUMÉRO D'ASSORTIMENT      NUMÉRO DE RÉFÉRENCE  
CLIENT

SAMPLE DESCRIPTION: WILD ANIMALS / FARM LIFE / SEA LIFE / DOG LIFE / HORSE  
DESCRIPTION DE L'ECHANTILLON

1. ) WILD ANIMALS - ZEBRA FOAL
2. ) WILD ANIMALS - EUSTREPTOSPONDYLUS
3. ) WILD ANIMALS - AGUSTINIA
4. ) WILD ANIMALS - SPINOSAURUS
5. ) WILD ANIMALS - NEOVENATOR
6. ) WILD ANIMALS - BRAYONYX
7. ) WILD ANIMALS - ALLOSAURUS
8. ) FARM LIFE - DONKEY (GREY)
9. ) SEA LIFE - LOGGERHEAD TURTLE
10. ) SEA LIFE - EMPEROR PENGUIN
11. ) DOG LIFE - GOLDEN RETRIEVER
12. ) DOG LIFE - GOLDEN RETRIEVER PUPPY
13. ) ~~HORSE - ARABIAN STALLION DAPPLE GREY~~
14. ) ~~HORSE - MUSTANG CHESTNUT PINTO~~
15. ) ~~HORSE - SHIRE HORSE BAY~~
16. ) ~~HORSE - CYDESDALE BAY SABINO~~
17. ) ~~HORSE - QUARTER HORSE CHESTNUT~~
18. ) ~~HORSE - SHETLAND PONY PALOMINO~~
19. ) HORSE - NEW!!! THOROUGHBRED MARE

APPLIED STANDARDS: EN 71 PT.1-05 MECHANICAL HAZARDS (1-7)  
NORMES APPLIQUEES EN 71 PT.2 FLAMMABILITY  
EN 71 PT.3 HEAVY METALS CONTENT



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## **CERTIFICATE OF COMPLIANCE** **Certificat de Conformité**

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Based on the test results and conclusions contained in the above mentioned test report, and following the Mutual Recognition Agreement (MRA) between HOKLAS and COFRAC, we consider that the tested sample complies with the above listed European standards.

Selon les résultats d'essais et les conclusions contenus dans le rapport d'essais mentionné ci-dessus et suite à l'agrément de reconnaissance mutuel entre HOKLAS et COFRAC, nous considérons que l'échantillon soumis aux essais est conforme aux exigences des normes européennes listées ci-dessus.

BUREAU VERITAS HONG KONG LIMITED



Lau Wing Kit, Keff  
Director  
Toys and Juvenile Products Department

KL/suki

The document was prepared and checked by Bureau Veritas Hong Kong Limited as a delegation of signature from Bureau Veritas Consumer Products Services (France) based on ISO17025 under BVCPs Quality Management System.



**BUREAU  
VERITAS**

CONSUMER PRODUCTS SERVICES DIVISION

**PROCON (ASIA) LTD**

**Technical Report: (5207)160-0381**

June 18, 2007

Date Received: June 08, 2007

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PURPLE LAM  
PROCON (ASIA) LTD  
RM 1220, CHINACHEM GOLDEN PLAZA  
77 MODY ROAD  
TSIM SHA TSUI EAST  
KOWLOON  
HONG KONG

Sample Description: WILD ANIMALS / FARM LIFE / SEA LIFE / DOG LIFE / HORSE

1. ) WILD ANIMALS - ZEBRA FOAL
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18. ) HORSE - SHETLAND PONY PALOMINO
19. ) HORSE - NEW!!! THOROUGHBRED MARE

Vendor:	N/A	Sample Size:	76
Manufacturer:	N/A	Style No(s):	(88168), (88060), (88061), (88096), (88106), (88107), (88108), (88115), (88094), (88095), (88116), (88117), (88097), (88101), (88102), (88152), (88103), (88104), (88105)

Buyer:	N/A	SKN/SKU No.:	N/A
Labeled Age Grade:	NOT PRESENT	PO No.:	N/A
Appropriate Age Grade:	NOT REQUESTED	Ref #:	N/A
Client Specified Age Grade:	3+	Country of Origin:	CHINA
Tested Age Grade:	OVER 3 YEARS OF AGE	Assortment No.:	N/A
UPC Code:	N/A		
Test Starting Date:	JUNE 08, 2007		
Test Finished Date:	JUNE 18, 2007		



PROCON (ASIA) LTD  
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**EXECUTIVE SUMMARY:**

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

- The mechanical and physical properties requirements of the tested subclauses of the European Standard, "Safety of toys", EN71: Part 1:2005, Incorporating Corrigendum No.1.
- The flammability requirements of the European Standard "Safety of Toys", EN 71: Part 2: 2006.
- The migration of certain elements requirements of the European Standard, "Safety of toys", EN 71: Part 3: 1994, and Amendments – A1:2000/ AC:2002.

Note: The received sample(s) contained accessible component(s) of less than 10 milligrams by weight on one single sample, therefore such component(s) was not subject to migration of certain elements of European Standard, "Safety of Toys, EN 71:Part 3:1994 and Amendments – A1:2000/ AC:2002", as specified in Clause 7 - Selection of test portions.

BUREAU VERITAS HONG KONG LIMITED

Hui Ka Man, Amy  
Assistant Manager  
Heavy Metals Measurement Section

BUREAU VERITAS HONG KONG LIMITED

Lam Lai Yin, Kant  
Manager  
Europe Nursery Products Department

AH/KL/suki

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**RESULTS:**

**APPROPRIATE AGE GRADE DETERMINATION**

The Appropriate Age Grade is determined with reference to the EN71 : Part 1 : 2005, CR 14379:2002 "Classification of toys-Guidelines" prepared by Technical Committee CEN TC 52 and Age Grade Determination Guidelines of the Consumer Product Safety Commission (CPSC).

Note : If the client does not specify an age grade for testing or request Bureau Veritas Consumer Products Services, Inc. to determine an appropriate age grade, the labeled age grade will be used for testing.

EXPLANATION OF THE ABBREVIATIONS FOR PART 1, 2 & 6

Symbol	Explanation				
NM	The sample(s) DOES NOT MEET the requirement of this Subclause				
M	The sample(s) MEET the requirement of this Subclause				
N/A	Not Applicable				
NR	Not Requested				
NE	Not Evaluated				
NP	None Present				
P	Present				
R	Refer to Comment Section of this report				
Symbol	Language Present	Symbol	Language Present	Symbol	Language Present
B	Belgian language	G	German language	PR	Portuguese language
D	Danish language	GR	Greek language	S	Spanish language
E	English language	H	Dutch language	SD	Swedish language
F	Finnish language	I	Italian language	SZ	Swiss language
FR	French language	N	Norwegian language		



**RESULTS:**

**MECHANICAL & PHYSICAL PROPERTIES  
 (EN 71: PART 1: 2005 INCORPORATING CORRIGENDUM NO.1)**

Subclause	Requirement	Result
4.1	Materials	M
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 & 7.6	Edges	M
4.8 & 7.6	Points and wires	M
4.9	Protruding parts	NA
4.10.1	Folding and sliding mechanisms	NA
4.10.2	Driving mechanisms	NA
4.10.3	Hinges	NA
4.10.4	Springs	NA
4.11	Mouth actuated toys	NA
4.12 & 7.3	Balloons	NA
4.13 & 7.9	Toys Kites and other flying toys	NA
4.14.1	Toys which a child can enter	NA
4.14.2 & 7.8	Masks and helmets	NA
4.15.1	Toys propelled by child	NA
4.15.1.2 & 7.10 & 7.16	Toys propelled by child – Instructions for use	NA
4.15.1.3	Toys propelled by child – Strength	NA
4.15.1.4	Toys propelled by child – Stability	NA
4.15.1.5	Toys propelled by child – Braking	NA
4.15.1.6	Toys propelled by child - Transmission	NA
4.15.2	Free wheeling toy bicycles	NA
4.15.2.2 & 7.15	Toy bicycles – Instruction for use	NA
4.15.2.3	Toy bicycles – Saddle height	NA
4.15.2.4	Toy bicycles - Braking	NA
4.15.3 & 7.16	Rocking horses	NA
4.15.4 & 7.16	Toys not propelled by child	NA
4.15.5 & 7.19	Toys scooters	NA
4.16	Heavy immobile toys	NA
4.17.1	Projectiles – General	NA
4.17.2	Projectiles toys without stored energy	NA
4.17.3 & 7.7	Projectile toys with stored energy	NA
4.17.4 & 7.7	Bows and arrows	NA
4.18 & 7.4	Aquatic toys	NA



**RESULTS:**

**MECHANICAL & PHYSICAL PROPERTIES  
 (EN 71: PART 1: 2005 INCORPORATING CORRIGENDUM NO.1)**

Subclause	Requirement	Result
4.19 & 7.13	Percussion caps	NA
4.20*a, b, c, e, f, & 7.14	Acoustics	NA
4.20d	Acoustics – Percussion caps	NA
4.21	Toys containing a heat source	NA
4.22 & 7.18	Small balls	NA
<b>FOR TOYS INTENDED FOR CHILDREN UNDER 36 MONTHS</b>		
5.1	General	NA
5.1a	Small parts – as received	NA
5.1b	Small parts, sharp points, sharp edges – after tests	NA
5.1c	Cross section < 2mm metal points & wires	NA
5.1e	Toys contain glue	NA
5.1f	Splinters	NA
5.1g	Casing of toys	NA
5.2	Filing materials	NA
5.3	Adhesion of plastic sheeting	NA
5.4 & 7.11	Cords on toys	NA
5.5 & 7.12	Liquid filled toys	NA
5.6	Electrically driven toys	NA
5.7	Glass and porcelain	NA
5.8	Shape and size	NA
5.9 & 7.17	Monofilament fibres	NA
5.10	Small balls	NA
5.11	Play figures	NA
5.12	Hemispheric shaped toys	NA
5.13	Suction cups	NA
6	Packaging	NA
<b>WARNINGS, INSTRUCTIONS FOR USE</b>		
7.1	Warnings, instructions for use	NA
7.1	Importer name & address	M
7.1	Retain statement	M
7.1	CE marking	M
7.2	Toys not intended for children under 36 months	NA
7.5	Functional toys	NA

**RESULTS:**

REQUIREMENTS & TEST METHODS CROSS REFERENCE TABLE FOR PART 1

Sub-clause	Test Method	Sub-clause	Test Method	Sub-clause	Test Method	Sub-clause	Test Method
4.3	8.25.1	4.14.1	8.31.1, 8.31.2	4.16	8.23.2	5.2	8.2, 8.4.2.2, 8.10
4.6	8.2, 8.3, 8.4.2.1, 8.5, 8.7, 8.8, 8.14	4.14.2	8.3, 8.4.2.1, 8.5, 8.7, 8.8, 8.11, 8.12	4.17.1	8.4.2.3	5.3	8.4.2.1, 8.25
4.7	8.11	4.15.1.3	8.11, 8.12, 8.21, 8.22	4.17.3	8.24.1	5.4	8.20
4.8	8.12, 8.13	4.15.1.4	8.23.1	4.17.4	8.24.2	5.5	8.15
4.9	8.4.2.3, 8.11, 8.12	4.15.1.5	8.26.1	4.18	8.2, 8.3, 8.4.2.1	5.6	8.29
4.10.1	8.18.2, 8.18.3	4.15.2.4	8.26.2	4.20	8.28	5.8	8.16
4.10.2	8.5, 8.6, 8.7, 8.11, 8.12	4.15.3	8.21, 8.23.1	4.21	8.30	5.10	8.3, 8.4.2.1, 8.5, 8.6, 8.7, 8.8, 8.9, 8.32
4.11	8.2, 8.3, 8.4.2.1, 8.9, 8.17	4.15.4	8.21, 8.23.1	4.22	8.3, 8.4.2.1, 8.5, 8.6, 8.7, 8.8, 8.32	5.11	8.33
4.13	8.19	4.15.5	8.11, 8.12, 8.21, 8.22, 8.26.3, 8.27	5.1	8.2, 8.3, 8.4.2.1, 8.5, 8.7, 8.8, 8.9, 8.11, 8.12	5.13	8.3, 8.4.2.1, 8.5, 8.7, 8.8, 8.32

\* Note: With modification by using Sound level meter complying with the specifications of IEC60651 and IEC60804.



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**RESULTS:**

**FLAMMABILITY (EN 71: PART 2: 2006)**

Subclause	Requirement	Result
4.1	Celluloid (cellulose nitrate)	NP
4.1	Dangerous flammable gases, liquids and solids	NP
4.1	Materials with a pile surface which produces a flash effect on the approach of a flame	NA
4.2	Toys to be worn on the head	NA
4.3	Toy disguise costumes and toys intended to be worn by child on play	NA
4.3	Toy disguise costumes and toys intended to be worn by child on play with warning	NA
4.4	Toys intended to be entered by a child	NA
4.4	Toys intended to be entered by a child with warning	NA
4.5	Filled soft toys with a pile or textile surface	NA

REQUIREMENTS & TEST METHODS CROSS REFERENCE TABLE FOR PART 2

Sub-clause	Test Method	Sub-clause	Test Method	Sub-clause	Test Method	Sub-clause	Test Method
4.2.2	5.2	4.2.4	5.3	4.3	5.4	4.5.2	5.5
4.2.3	5.3	4.2.5	5.4	4.4	5.4	4.5.3	5.6

**RESULTS:**

**MIGRATION OF CERTAIN ELEMENTS (EN 71-3: 1994 and Amendments–A1:2000/AC:2002)**

Test Method: Soluble heavy metals content analysis was determined by Inductively Coupled Plasma Spectrometry.

Sample Identity	Color	Location	Style
Material classification: Category I - Surface coatings			
A.	black	horse	13-19
		zebra	1
		dog	11-12
		donkey	8
		turtle	9
		penguin	10
		dinosaur	2, 3, 5
B.	orange-brown	horse	14
C.	light brown / bright deep brown	horse	17
D.	reddish brown	horse	19
E.	pearlized white / black	horse	13
F.	pale ivory	horse	18
G.	dull brown / pale ivory underlying	horse	18
H.	light grass green	dinosaur	3
I.	pale orange	dog	11
J.	deep creamy brown	dog	12
K.	dark brown	turtle	9
L.	white	penguin	10
		dog	11-12
		donkey	8
		horse	13-16
M.	grey / deep brown	donkey	8
N.	bright light ivory	teeth	2-7
O.	purple	mouth	2-6
P.	dull yellow	dinosaur	4
Q.	dull green / dull yellow underlying	dinosaur	4
R.	dull light brown / pale purple	dinosaur	2
S.	deep green / dull light blue underlying	dinosaur	6
T.	dull light blue	dinosaur	6
U.	dark grey	dinosaur	5
V.	light green	dinosaur	7
W.	dark green / light green underlying	dinosaur	7
Material classification: Category I - Polymeric materials			
X.	brown pvc	horse	15, 16
Y.	light orange pvc	horse	14
Z.	translucent white pvc	horse	13, 17-19
		zebra	1
AA.	light blue pvc	turtle	9
AB.	dark grey pvc	penguin	10
AC.	pale yellow pvc	dinosaur	2
AD.	light grey pvc	dinosaur	5
Material classification: Category I - Surface coatings			
AE.	Dull grey	Penguin	10



**RESULTS:**

**MIGRATION OF CERTAIN ELEMENTS (EN 71-3: 1994 and Amendments–A1:2000/AC:2002)**

Element	As	Ba	Cd	Cr	Hg	Pb	Sb	Se	Mass of trace Amount	Conclusion
Max. Limit (Category I) (mg/kg)	25	1000	75	60	60	90	60	500		
Max. Limit (Category II) (mg/kg)	25	250	50	25	25	90	60	500		
Analytical Correction	60%	30%	30%	30%	50%	30%	60%	60%		
Sample	Result (mg/kg)								(gram)	Conclusion
A	LT 2	6	LT 2	2	LT 2	4	LT 2	LT 2	0.0455	Pass
B	LT 2	3	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	0.0321	Pass
C	LT 2	3	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	0.0328	Pass
D	LT 2	4	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	0.0411	Pass
E	LT 2	5	LT 2	LT 2	LT 2	16	LT 2	LT 2	0.0275	Pass
F	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	0.0200	Pass
G	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2		Pass
H	LT 2	3	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	0.0349	Pass
I	LT 2	2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	0.0198	Pass
J	LT 2	25	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	0.0181	Pass
K	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	0.0222	Pass
L	LT 2	3	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	0.0343	Pass
M	LT 2	2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	0.0266	Pass
N	LT 2	2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	0.0133	Pass
O	LT 2	4	LT 2	6	LT 2	LT 2	LT 2	LT 2	0.0165	Pass
P	LT 2	4	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	0.0267	Pass
Q	LT 2	6	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	0.0346	Pass
R	LT 2	4	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	0.0387	Pass
S	LT 2	6	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	0.0300	Pass
T	LT 2	10	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	0.0372	Pass
U	LT 2	2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	0.0221	Pass
V	LT 2	3	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	0.0342	Pass
W	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	0.0207	Pass



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**RESULTS:**

**MIGRATION OF CERTAIN ELEMENTS (EN 71-3: 1994 and Amendments–A1:2000/AC:2002)**

Element	As	Ba	Cd	Cr	Hg	Pb	Sb	Se	Mass of trace Amount	Conclusion
Max. Limit (Category I) (mg/kg)	25	1000	75	60	60	90	60	500		
Max. Limit (Category II) (mg/kg)	25	250	50	25	25	90	60	500		
Analytical Correction	60%	30%	30%	30%	50%	30%	60%	60%		
Sample	Result (mg/kg)								(gram)	Conclusion
X	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2		Pass
Y	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2		Pass
Z	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2		Pass
AA	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2		Pass
AB	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2		Pass
AC	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2		Pass
AD	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2		Pass
AE	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	0.0151	Pass

mg/kg = milligrams per kilogram (ppm=parts per million)  
 CR = adjusted analytical result  
 LT = Less Than  
 \* = Average of duplicate analysis

As = Arsenic, Ba = Barium, Cd = Cadmium,  
 Cr = Chromium, Hg = Mercury, Pb = Lead,  
 Sb = Antimony, Se = Selenium

END OF REPORT



**BUREAU  
VERITAS**

CONSUMER PRODUCTS SERVICES DIVISION

**PROCON (ASIA) LTD**

**Technical Report: (5207)160-0381 (A)**  
Date Received: June 08, 2007

June 18, 2007  
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PURPLE LAM  
PROCON (ASIA) LTD  
RM 1220, CHINACHEM GOLDEN PLAZA  
77 MODY ROAD  
TSIM SHA TSUI EAST  
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HONG KONG

Sample Description: WILD ANIMALS / FARM LIFE / SEA LIFE / DOG LIFE / HORSE

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19. ) HORSE - NEW!!! THOROUGHBRED MARE

Vendor:	N/A	Sample Size:	76
Manufacturer:	N/A	Style No(s):	(88168), (88060), (88061), (88096), (88106), (88107), (88108), (88115), (88094), (88095), (88116), (88117), (88097), (88101), (88102), (88152), (88103), (88104), (88105)
Buyer:	N/A	SKN/SKU No.:	N/A
Labeled Age Grade:	NOT PRESENT	PO No.:	N/A
Appropriate Age Grade:	NOT REQUESTED	Ref #:	N/A
Client Specified Age Grade:	3+	Country of Origin:	CHINA
Tested Age Grade:	OVER 3 YEARS OF AGE	Assortment No.:	N/A
UPC Code:	N/A		



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**EXECUTIVE SUMMARY:**

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

- The BBP, DBP and DEHP content requirements of the European Communities 2005/84/EC amending for the 22<sup>nd</sup> time Council Directive 76/769/EEC on the approximation of the laws, regulations and administrative provisions of the Member States relating to restrictions on the marketing and use of certain dangerous substances and preparations (phthalates in toys and childcare articles).
- The DNOP, DINP and DIDP content requirements of the European Communities 2005/84/EC amending for the 22<sup>nd</sup> time Council Directive 76/769/EEC on the approximation of the laws, regulations and administrative provisions of the Member States relating to restrictions on the marketing and use of certain dangerous substances and preparations (phthalates in toys and childcare articles).
- The cadmium content requirements of the European "Council Directive 91/338/EEC of 18 June 1991 amending for the 10th time Directive 76/769/EEC on the approximation of the laws, regulations and administrative provisions of the Member States relating to restrictions on the marketing and use of certain dangerous substances and preparations".

BUREAU VERITAS HONG KONG LIMITED

Choy Hon Kwong, Adams  
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Sze Tung Po, Eric  
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**RESULTS:**

PHTHALATES CONTENT IN TOYS AND CHILDCARE ARTICLES (2005/84/EC BBP / DBP / DEHP CONTENT)

Sample Identity	Test Component	Location	Style
A.	light ivory pvc	body of zebra	1
	pale yellow pvc	body of dinosaur	2
	white pvc	body of dinosaur	3, 4, 6, 7, 12, 13, 17, 18, 19
B.	off white pvc	body of dinosaur	5
	dull white pvc	body of donkey	8, 11
	pale blue pvc	body of turtle	9
C.	grey pvc	body of penguin	10
	yolk yellow pvc	body of horse	14
	chocolate brown pvc	body of horse	15, 16

Test Parameter	A.	B.	C.	Limit (%)
BBP	LT 0.01	LT 0.01	LT 0.01	0.1
DBP	LT 0.01	LT 0.01	LT 0.01	0.1
DEHP	LT 0.01	LT 0.01	LT 0.01	0.1
Sum of three phthalates	LT 0.03	LT 0.03	LT 0.03	0.1
Conclusion	Pass	Pass	Pass	

*Detection Limit :*

BBP = Butyl benzyl phthalate (0.01%)  
 DBP = Dibutyl phthalate (0.01%)  
 DEHP = Di(2-ethylhexyl) phthalate (0.01%)

*Results reported in percentage*  
 LT = Less than  
 ND = None detected



**RESULTS:**

**PHTHALATES CONTENT IN TOYS AND CHILDCARE ARTICLES WHICH CAN BE PLACED IN MOUTH BY THE CHILDREN (2005/84/EC DNOP / DINP / DIDP CONTENT)**

Sample Identity	Test Component	Location	Style
A.	light ivory pvc	body of zebra	1
	pale yellow pvc	body of dinosaur	2
	white pvc	body of dinosaur	3, 4, 6, 7, 12, 13, 17, 18, 19
B.	off white pvc	body of dinosaur	5
	dull white pvc	body of donkey	8, 11
	pale blue pvc	body of turtle	9
C.	grey pvc	body of penguin	10
	yolk yellow pvc	body of horse	14
	chocolate brown pvc	body of horse	15, 16

Test Parameter	A.	B.	C.	Limit (%)
DNOP	LT 0.01	LT 0.01	LT 0.01	0.1
DINP	LT 0.02	LT 0.02	LT 0.02	0.1
DIDP	LT 0.02	LT 0.02	LT 0.02	0.1
Sum of three phthalates	LT 0.05	LT 0.05	LT 0.05	0.1
Conclusion	Pass	Pass	Pass	

*Detection Limit :*

DNOP = Di-n-octyl phthalate (0.01%)  
 DINP = Di-iso-nonyl phthalate (0.02%)  
 DIDP = Di-iso-decyl phthalate (0.02%)

*Results reported in percentage*  
 LT = Less than  
 ND = None detected



**RESULTS:**

CADMIUM CONTENT (European Council Directive 91/338/EEC, Relating to restrictions on the marketing and use of certain dangerous substances and preparations)

Category:			Plastics				
Element:			Cadmium				
Test Method			BS EN 1122: 2001, Method B				
Maximum Allowable Limit:			100 mg/kg (0.01% by weight)				
Sample Description			Reading 1	Reading 2	Average	Conclusion	
Color / Component	Location	Style	Result (mg/kg)				
(A) translucent white pvc	zebra	1	LT 10	LT 10	LT 10	Pass	
	horse	13, 17-19					
	dog	11, 12					
	donkey	8					
	dinosaur	3, 4, 6, 7					
(B) brown pvc	horse	15, 16	LT 10	LT 10	LT 10	Pass	
	light orange pvc	horse					14
	light blue pvc	turtle					9
	dark grey pvc	penguin					10
	pale yellow pvc	dinosaur					2
light grey pvc	dinosaur	5					

LT = Less than  
 # = Insufficient sample for duplicate analyses

mg/kg = milligrams per kilogram (ppm = parts per million)  
 Operator: Wong Tsz Hong



**RESULTS:**

CADMIUM CONTENT (European Council Directive 91/338/EEC, Relating to restrictions on the marketing and use of certain dangerous substances and preparations)

Category:			Paints		
Element:			Cadmium		
Test Method:			In house acid digestion		
Maximum Allowable Limit:			100 mg/kg (0.01% by weight)		
Test Component			Result (mg/kg)	Conclusion	
Colour/Component	Location	Style			
(A)	black / white / pale pink black	horse zebra	15-16 1	LT 2	Pass
	black / white / orange-brown	horse	14		
(B)	black / light brown / bright deep brown	horse	17	LT 2	Pass
	black / reddish brown	horse	19		
(C)	black / white / light flesh / silver / pearlized white	horse horse	13	LT 2	Pass
	black / pale ivory / dull brown	horse	18		
(D)	black / light grass green	dinosaur	3	LT 4	Pass
	black / white / pale orange	dog	11		
(E)	black / white / light pink / deep creamy brown	dog dog	12	LT 3	Pass
	black / neon green / flesh / dark brown	turtle	9		
(F)	black / white / dull grey light orange / neon yellow	penguin	10	LT 5	Pass
	black / white / grey / matt white / deep brown	donkey	8		
(G)	bright light ivory / purple / dull yellow / dull green	dinosaur	4	LT 3	Pass
	bright light ivory / purple	teeth & mouth	2, 3, 5, 6		
(H)	black / dull light brown / pale purple	dinosaur	2	LT 2	Pass
	deep green / dull light blue	dinosaur	6		
(I)	black / dark grey	dinosaur	5	LT 3	Pass
	bright light ivory / dark pink / light green / dark green	dinosaur	7		

LT = Less than

\* = Average of duplicate analyses

mg/kg = milligrams per kilogram (ppm = parts per million)