



**BUREAU
VERITAS**

CONSUMER PRODUCTS SERVICES DIVISION

JOKER (FAR EAST) LTD

Technical Report: (5209)142-0751(A)
Date Received: June 01, 2009

June 05, 2009

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HARRIS CHAN
JOKER (FAR EAST) LTD
UNIT 501 ENERGY PLAZA
92 GRANVILLE RD
TSIM SHA TSUI
KOWLOON
HONG KONG

Sample Description: DINO IN MY SLIMY 33705 ORIGINAL SWISS FORMULA

1.) STYRACOSAURUS
2.) SPINOSAURUS
3.) DIMETRODON

Vendor:	N/A	Sample Size:	6
Manufacturer:	JOKER AG/SA	Style No(s):	33705
Buyer:	TOP TOY	SKN/SKU No.:	N/A
Labeled Age Grade:	+3	PO No.:	N/A
Appropriate Age Grade:	NOT REQUESTED	Ref #:	N/A
Client Specified Age Grade:	3+	Country of Origin:	CHINA
Grade:			
Tested Age Grade:	OVER 3 YEARS OF AGE	Assortment No.:	N/A
UPC Code:	7611212337056		

EXECUTIVE SUMMARY:

The tested components of style #3 sample(s) MEET the following requirement(s):

- The BBP, DBP and DEHP content requirements of the European Communities 2005/84/EC amending for the 22nd 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 22nd 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).



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EXECUTIVE SUMMARY:

The style #3 sample(s) MEET the following requirement(s):

- 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



Chan Pak Ho, Pako
Assistant Manager
Chemical Analysis Department

PC/AC/ml

BUREAU VERITAS HONG KONG LIMITED



Choy Hon Kwong, Adams
Senior Manager,
Chemical Department



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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)	grey/ yellow	egg	3	LT 10	LT 10	LT 10	Pass
	neon yellow soft	inside egg	3				
	white	lid of egg	3				
(B)	yellow PVC	figure	3	LT 10	LT 10	LT 10	Pass

LT = Less than

= Insufficient sample for duplicate analyses

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

Operator: Cheung Shi Leung, Ray

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/ yellow	eyes of figure	3	LT 10	Pass
	black	code of egg	3		
	dark grey	figure	3		
	green	figure	3		

LT = Less than

* = Average of duplicate analyses

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



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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.	green/ yellow/ black coating	dinosaur, code on stopper of egg	3
B.	dull green PVC	dinosaur	3
C.	yellow/ black plastic white plastic	egg stopper of egg	3 3
D.	florscent yellow gel	gel inside egg	3
E.	multi-colour coating	coating on wrapping of egg	3
F.	clear plastic	wrapping of egg	3

Test Parameter:	BBP	DBP	DEHP	Sum of three phthalates	
Limit (%):	0.1	0.1	0.1	0.1	
Sample	Result (%)				Conclusion
A.	LT 0.005	LT 0.005	LT 0.005	LT 0.015	Pass
B.	LT 0.005	LT 0.005	LT 0.005	LT 0.015	Pass
C.	LT 0.005	LT 0.005	LT 0.005	LT 0.015	Pass
D.	LT 0.005	LT 0.005	LT 0.005	LT 0.015	Pass
E.	LT 0.005	LT 0.005	LT 0.005	LT 0.015	Pass
F.	LT 0.005	LT 0.005	LT 0.005	LT 0.015	Pass

Detection Limit :

BBP = Butyl benzyl phthalate (0.005%)
 DBP = Dibutyl phthalate (0.005%)
 DEHP = Di(2-ethylhexyl) phthalate (0.005%)

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



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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.	green/ yellow/ black coating	dinosaur, code on stopper of egg	3
B.	dull green PVC	dinosaur	3
C.	yellow/ black plastic	egg	3
	white plastic	stopper of egg	3
D.	florscent yellow gel	gel inside egg	3

Test Parameter:	DNOP	DINP	DIDP	Sum of three phthalates	
Limit (%):	0.1	0.1	0.1	0.1	
Sample	Result (%)				Conclusion
A.	LT 0.005	LT 0.005	LT 0.005	LT 0.015	Pass
B.	LT 0.005	LT 0.005	LT 0.005	LT 0.015	Pass
C.	LT 0.005	LT 0.005	LT 0.005	LT 0.015	Pass
D.	LT 0.005	LT 0.005	LT 0.005	LT 0.015	Pass

Detection Limit :

DNOP = Di-n-octyl phthalate (0.005%)
 DINP = Di-iso-nonyl phthalate (0.005%)
 DIDP = Di-iso-decyl phthalate (0.005%)

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