



**BUREAU
VERITAS**

CONSUMER PRODUCTS SERVICES DIVISION

JOKER (FAR EAST) LTD

Technical Report: (5210)008-0187(A)
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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: ALIENZ INVASION SLIMY ORIGINAL SWISS FORMULA 46028-46029

1.) MEN
2.) AALAA
3.) DOD
4.) KURUK
5.) BOB
6.) SEBES

Vendor: LS
Manufacturer: JOKER AG / SA
Buyer: SIMBA
Labeled Age Grade: 3+
Appropriate Age Grade: NOT REQUESTED
Client Specified Age Grade: 3+

Sample Size: 42
Style No(s): 46028
SKN/SKU No.: N/A
PO No.: N/A
Ref #: N/A
Country of Origin: MADE IN CHINA, RAW MATERIALS FROM SWITZERLAND, MIXED IN CHINA
Assortment No.: N/A

Tested Age Grade: OVER 3 YEARS OF AGE
UPC Code: 7611212460280

EXECUTIVE SUMMARY:

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

- The BBP, DBP and DEHP content requirements of the European Regulation (EC) No. 1907/2006 of the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), Annex XVII concerning the Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles, Item no. 51.*
- The DNOP, DINP and DIDP content requirements of the European Regulation (EC) No. 1907/2006 of the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), Annex XVII concerning the Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles, Item no. 52.*



EXECUTIVE SUMMARY:

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

- The cadmium content requirement of the European Regulation (EC) No. 1907/2006 of the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), Annex XVII concerning the Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles, Item no. 23.*

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PC/AC/az

* Regulation (EC) No. 1907/2006 replaces Directive 76/769/EEC (including the 22nd amendment for Phthalates - 2005/84/EC). Directive 76/769/EEC was therefore repealed with effect from 1 June 2009. All the restrictions developed under Directive 76/769/EEC should be incorporated into Regulation (EC) No. 1907/2006.

*: Regulation (EC) No. 1907/2006 replaces Directive 76/769/EEC (including the 10th amendment for cadmium - 91/338/EEC). Directive 76/769/EEC was therefore repealed with effect from 1 June 2009. All the restrictions developed under Directive 76/769/EEC should be incorporated into Regulation (EC) No. 1907/2006.



RESULTS:

CADMIUM CONTENT (European Regulation (EC) No. 1907/2006 REACH Annex XVII, Item no. 23)

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)	Clear	Egg	1-6	LT 10	LT 10	LT 10	Pass
	Black	Egg	1-6				
	Bright black	Stand	1-6				
	Green soft	Inner egg	1-6				
(B)	Pale blue printed	Figure	1,6	LT 10	LT 10	LT 10	Pass
	blue soft						
	White printed blue	Figure	1,6				
	soft						
	Yellow / black	Figure	1				
	printed blue soft						
(C)	Black / green	Figure	2	LT 10	LT 10	LT 10	Pass
	printed green soft						
	Yellow printed	Figure	2,3				
	green soft						
	Red / black printed	Figure	3				
	green soft						
(D)	Orange / black	Figure	4,5	LT 10	LT 10	LT 10	Pass
	printed red soft						
	White printed red	Figure	4,5				
	soft						
	Peach printed red	Figure	4,5				
	soft						
	Orange / yellow	Figure	6				
	printed blue soft						

LT = Less than
 # = Insufficient sample for duplicate analyses

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



RESULTS:

BBP/DBP/DEHP CONTENTS IN TOYS AND CHILDCARE ARTICLES (European Regulation (EC) No. 1907/2006 REACH Annex XVII, Item no. 51)

Sample Identity	Color / Component	Location	Style
A	black plastic	shell, holder of shell	1-6
	clear plastic	shell	1-6
B	yellow/ black/ pale blue/ flesh coated light blue soft plastic	figure	1,6
	yellow/ black/ red/ green coated dull green soft plastic	figure	2,3
	white/ flesh/ black coated red soft plastic	figure	4,5
C	light green putties	putties	1-6

Analyte:	BBP	DBP	DEHP	Sum of BBP, DBP & DEHP
Limit (%):	0.1	0.1	0.1	0.1

Analyte	BBP	DBP	DEHP	Sum of DBP, BBP & DEHP	Conclusion
Sample	Result (%)				
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

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



RESULTS:

DNOP/DINP/DIDP CONTENTS IN TOYS AND CHILDCARE ARTICLES WHICH CAN BE PLACED IN MOUTH BY THE CHILDREN (European Regulation (EC) No. 1907/2006 REACH Annex XVII, Item no. 52)

Sample Identity	Color / Component	Location	Style
A	black plastic	shell, holder of shell	1-6
	clear plastic	shell	1-6
B	yellow/ black/ pale blue/ flesh coated light blue soft plastic	figure	1,6
	yellow/ black/ red/ green coated dull green soft plastic	figure	2,3
	white/ flesh/ black coated red soft plastic	figure	4,5
C	light green putties	putties	1-6

Analyte:	DNOP	DINP	DIDP	Sum of DNOP, DINP & DIDP
Limit (%):	0.1	0.1	0.1	0.1

Analyte	DNOP	DINP	DIDP	Sum of DNOP, DINP & DIDP	Conclusion
Sample	Result (%)				
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

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