



**BUREAU  
VERITAS**

CONSUMER PRODUCTS SERVICES DIVISION

**JOKER (FAR EAST) LTD**

**Technical Report:** (5209)143-0010  
**Date Received:** May 25, 2009

June 5, 2009

Page 1 of 2

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

**Sample Description:** ORIGINAL SLIMY ORIGINAL SWISS FORMULA GREEN YELLOW AND PINK  
1.) GREEN  
2.) YELLOW  
3.) PINK

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

**EXECUTIVE SUMMARY:**

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

- The total plate count and mold and yeast count requirements of CTFA (U.S. Cosmetic, Toiletry and Fragrance Association).
- The pathogen requirement of the USP XXXI, "Microbiological tests <61> Microbial limit tests", and ASTM F963, "Standard consumer safety specification on toy safety", Section 4.3.6.

BUREAU VERITAS HONG KONG LIMITED

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EK/tm

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JOKER (FAR EAST) LTD  
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 June 5, 2009  
 Page 2 of 2

## RESULTS:

### CLEANLINESS OF MATERIALS

The sample(s) was examined for microbial limits according to the United States Pharmacopeia USP XXXI, Microbiological Tests: <61> - Microbial Limit Tests.

Test Component (A): composite of neon green of style #1 samples, neon yellow of style #2 samples and neon pink of style #3 samples slime

Parameter	Result	Requirement	Conclusion
Total aerobic microbial count (TPC)	LT 10 cfu/g	-----	-----
Total combined molds and yeast counts (YM)	LT 10 cfu/g	-----	-----
Total viable count (TPC + YM)	LT 10 cfu/g	5000 cfu/g	Pass
Staphylococcus aureus	Absence	Absence	Pass
Pseudomonas aeruginosa	Absence	Absence	Pass
Salmonella	Absence	Absence	Pass
Escherichia coli	Absence	Absence	Pass

cfu/mL = colony-forming units per millilitre  
 cfu/g = colony-forming units per gram

LT = Less Than  
 GT = Greater Than

Note: CTFA (U.S. Cosmetic, Toiletry and Fragrance Association) recommends the reporting of Total aerobic microbial count and Total combined molds and Yeast count as the *Total viable count*. The common acceptance criteria employed in the toy and cosmetic industry are enumerated below for reference.

Category	Total Viable Count	
	Limit Recommended	Acceptance limit
• Baby Products	100 cfu/ml(g)	500 cfu/ml(g)
• Products for the area of the eye		
• All other products	1,000 cfu/ml(g)	5,000 cfu/ml(g)

The inherent variability of a plate count should be taken into account; thus the limit recommended should be interpreted as follows:

100 – maximum limit of acceptance is 500 cfu/ml(g)  
 1,000 – maximum limit of acceptance is 5,000 cfu/ml(g)

(Reference: CTFA Microbiology Guidelines 2007)