



CONSUMER PRODUCTS SERVICES DIVISION

GOLDEN EAGLE ENTERPRISE GROUP LIMITED

Technical Report: (5212)067-0619

March 21, 2012

Date Received: March 07, 2012

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HING CHUNG NG
GOLDEN EAGLE ENTERPRISE GROUP LTD
UNIT 2, 23/F, CARNIVAL COMMERCIAL BUILDING
18 JAVA ROAD
NORTH POINT
HONG KONG

Sample Description:	A WATER DROP ESSENTIAL OIL - ESPECIALLY FOR MAN	Sample Size:	6 BOTTLE(S)
Vendor:	N/A	Style No(s):	N/A
Manufacturer:	GOLDEN EAGLE ENTERPRISE GROUP LIMITED	SKN/SKU No.:	N/A
Buyer:	N/A	PO No.:	N/A
Labeled Age Grade:	NOT PRESENT	Ref #:	N/A
Appropriate Age Grade:	NOT REQUESTED	Country of Origin:	MADE IN AUSTRALIA
Client Specified Age	ADULT	Assortment No.:	N/A
Grade:			
Tested Age Grade:	ADULT		
UPC Code:	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 tests for microbial limit tests with reference to the United States Pharmacopoeia, 31st edition, 2008, chapter 61.

BUREAU VERITAS HONG KONG LIMITED

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JL/mo



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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): transparent scented oily liquid

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)