



CONSUMER PRODUCTS SERVICES DIVISION

GOLDEN EAGLE ENTERPRISE GROUP LTD

Technical Report: (5217)345-0508 (B)
Date Received: December 11, 2017

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JOHN NG
GOLDEN EAGLE ENTERPRISE GROUP LTD
RM1604 NO.168
SAI YEUNG CHOI STREET
MONG KOK
KOWLOON
HONG KONG

Sample Description:	A WATER DROP ESSENTIAL OIL - MR. ROBUST		
Vendor:	GOLDEN EAGLE ENTERPRISE GROUP LTD	Sample Size:	0
Manufacturer:	N/A	Style No(s):	N/A
Buyer:	N/A	SKN/SKU No.:	N/A
Labeled Age Grade:	N/A	PO No.:	N/A
Appropriate Age Grade:	N/A	Ref #:	N/A
Client Specified Age Grade:	N/A	Country of Origin:	AUSTRALIA
Grade:			
Tested Age Grade:	N/A	Assortment No.:	N/A
UPC Code:	489703986023		

EXECUTIVE SUMMARY:

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

- The criteria of the Personal Care Products Council (formerly the Cosmetic, Toiletry and Fragrance Association CTFA), Microbiology Guidelines 2007, section 13 - Determination of preservative adequacy in cosmetic formulations and the test method was reference to United States Pharmacopoeia, 39th edition (2016), general chapter 51.

BUREAU VERITAS HONG KONG LIMITED

Li Suk Yee, Joanne
Manager
Microbiology Department

JL/vc



RESULTS:

PRESERVATIVE EFFECTIVENESS

The sample(s) was examined according to the United States Pharmacopoeia 39th edition (2016), General Chapter 51 (Antimicrobial Effectiveness Testing).

Test Component (A): Transparent oily liquid

Parameter / Requirement	Initial count	Percentage reduction (count)			Conclusion
		Day 7	Day 14	Day 28	
Bacteria					
- <i>Escherichia coli</i> (ATCC strain No.8739)	845,000	≥99.9 (LT10)	≥99.9 (LT10)	≥99.9 (LT10)	Effective
- <i>Pseudomonas aeruginosa</i> (ATCC strain No.9027)	335,000	≥99.9 (LT10)	≥99.9 (LT10)	≥99.9 (LT10)	Effective
- <i>Staphylococcus aureus</i> (ATCC strain No.6538)	475,000	≥99.9 (LT10)	≥99.9 (LT10)	≥99.9 (LT10)	Effective
Fungi					
- <i>Candida albicans</i> (ATCC strain No.10231)	785,000	≥99.9 (LT10)	≥99.9 (LT10)	≥99.9 (LT10)	Effective
- <i>Aspergillus brasiliensis</i> (ATCC strain No.16404)	566,667	98 (13333)	≥99.9 (733)	≥99.9 (166)	Effective

LT = Less Than

GT = Greater Than

≥ = Greater Than or Equal To

INC = Increase

All counts are reported as colony forming units per gram (milliliter) (cfu/g (mL))

Requirement:	Percentage Reduction		
	7 Days	14 Days	28 Days
Bacteria	≥ 99.9%	≥ 99.9%	≥ 99.9%
Fungi	≥ 90%	≥ 90%	≥ 90%