



**Test Report**

**No: GZCPCH171103678E-1.4**

**Date: 2018-04-12**

Client name: CHOI FUNG HONG COMPANY LIMITED  
Client address: Flat 713, 7/F, Blk 1, Nam Fung Industrial City, 18 Tin Hau Road, Tuen Mun, N.T., H.K

Sample name: A-10416-00220 Natural Multi-purpose Sterilizing Spray  
Batch No./Date: CF031080  
Manufacturer: CHOI FUNG HONG Co., Ltd  
Others: A-10442-00220 Natural Antibacterial and Hypoallergenic Spray for Kids

-----  
**Above sample(s) was/were submitted and certified by the client, SGS quoted the information with no responsibility as to the accuracy, adequacy and/or completeness.**

SGS job No.: GZCPCH171103678-1  
Date of receipt: 2017-12-12  
Testing period: 2017-12-12~2018-04-12

**TEST(S) REQUESTED:**

Selected test(s) as requested by applicant:  
Please refer to next page(s).

**TEST METHOD(S):**

Please refer to next page(s).

**TEST RESULT(S):**

Please refer to next page(s).

**CONCLUSION(S):**

Test is shown that, the No. of animal of test group's score  $\geq 2$  is 0, the sensitization rate of test substance is 0%, the test article was considered as no sensitization.

**This test report has been drafted in Chinese and maybe translated into other languages, The Chinese version shall prevail.**

**Unless otherwise stated the results shown in this test report refer only to the sample(s) tested, and this document cannot be used for publicity without approval of the Company.**

Signed for and on behalf of SGS

.....  
Authorized Signature

**Test Report**

**No: GZCPCH171103678E-1.4**

**Date: 2018-04-12**

**TEST METHOD(S):**

Test request: Skin Sensitization Test\*

Test method: Safety and Technical Standards for Cosmetics 2015, chapter six, 6 skin sensitization test, 5.1.

Test environment: Rabbit room of conventional condition . Certificate No. SYXK 2013-0086, Guangdong; Room temperature 21-23°C, Relative humidity 55-65%.

Test animal: Hartley Guinea pig, each weighing between 248.8-285.9g, Supplied by Guangzhou Huadu District Huadongxinhua Experiment Animal Farm, Certificate No.SCXK(Guangdong) 2014-0023, animal Certificate NO. 44007600005145.

No. of animals/packet/sex: Guinea pigs were randomly divided into test group and the negative control group and the positive control group. 20 for test group, 10 for the negative control group, 10 for the positive control group. Female:male=1:1

Preparation of Sample: Take the sample as test substance.

The positive control group: 1.0% & 0.1% 2,4-Dinitrochlorobenzene

Observation period: 24 and 48 hours after challenge exposure.

Test procedures: 1).Preparation of test animals. Cut the hair of the animals prior to all steps 24h before the test (the cutting area approximately 4~6cm<sup>2</sup>). 2).Induction exposure: Test group: 0.2mL test substance was applied to the left dorsal area, the test substance was loosely held in place with patch and non-irritating tape for 6h. Animal leave untreated as negative control in induction exposure phase. Positive group: 0.2 mL 1.0% 2,4-dinitrochlorobenzene was applied to the dorsal area. Repeated the procedures on the 7<sup>th</sup> and 14<sup>th</sup> day.3).Challenge exposure: On the 14<sup>th</sup> day after the last induction exposure, elicited the right dorsal area(2cm×2cm) of all test animals and negative animals with 0.2mL test substance, then fixed with patch and non-irritating tape, elicited all positive animals with 0.2mL 0.1% 2,4-dinitrochlorobenzene. Removed the restrainer, patches and tape after 6h. Examined for signs of erythema and edema on the basis of designated values in Table 1 at 24 and 48 hours after challenge exposure, scored the responses at each observation period. When the scores of test group animal ≥ 2, the animal was estimated as sensitization positive. Grade the reaction according to table 3.

**TEST RESULT(S):**

The scores of the test substance

Group	No. of animal (n)	Average weight (g)		C.I	C.C	O.P. (h)	Dermal reaction score								animal number of dermal reaction score ≥ 2	S.R (%)	
		Begin	End				Erythema					edema					
							0	1	2	3	4	0	1	2			3
Test group	20	269.7	481.3	T.S	T.S	24	20	0	0	0	0	20	0	0	0	0	0
						48	20	0	0	0	0	20	0	0	0	0	0
Negative control group	10	266.5	476.0	--	T.S	24	10	0	0	0	0	10	0	0	0	0	0
						48	10	0	0	0	0	10	0	0	0	0	0
Positive control group**	10	273.6	480.7	1.0%	0.1%	24	0	5	4	1	0	3	4	3	0	7	70.0
						48	3	5	2	0	0	4	6	0	0	4	40.0

Remark:

- (1) \* Test was carried out by external laboratory assessed as competent.
- (2) \*\*Test period of Positive control group is: 2017.11.13~2017.12.15.
- (3) C.I = Concentration of induction; C.C = Concentration of challenge; S.R = sensitization rate; T.S = test substance; O.P. = Observation period.

**Reference information:**

Safety and Technical Standards for Cosmetics 2015, chapter six, 6 skin sensitization test, 5.1.

Table 1

Skin reaction	Value
Erythema and eschar formation:	
No erythema	0
Very slight erythema(barely perceptible)	1
Well-defined erythema(interspersed or small red spots)	2
Moderate to severe erythema	3
Severe erythema(beet redness) to slight eschar formations	4
Edema formation	
No edema	0
Very slight edema(barely perceptible)	1
Moderate edema(well-defined contour)	2
Severe edema(raised approximately 1 or more than 1 millimeter)	3
Highest values	7

Table 3

Sensitization rate (%)	Grade
0~ 8	Weakness
9~ 28	Slight
29~ 64	Moderate
65~ 80	Strong
81~100	Very strong

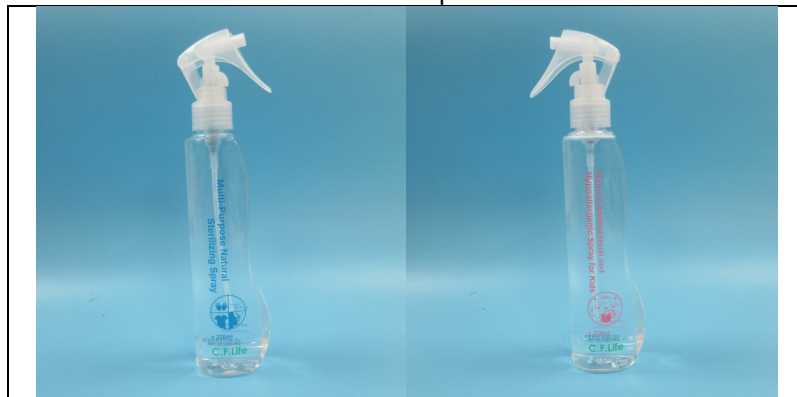
Note: The sample is considered as no sensitization when sensitization is 0.

**SAMPLE DESCRIPTION:** Transparent liquid

Test sample photo



Reference photo



\*\*\* End of Report\*\*\*