

TEST REPORT

Applicant: Foshan Nanhai Keri Electronic Co.,Ltd
 Applicant address: 13 Keyun North Road,B Zone,Shishan Science Park,Nanhai Foshan City,Guangdong Province,China
 Description: KD001 Air Sterilization Humidifier(Liquid in the atomizer cavity in the humidifier)
 Sample Quantity: Two humidifiers from Applicant should be sent to our lab for uniform inspection
 Sample details: Colorless transparent liquid.
 Mark: Manufacturer: Foshan Nanhai Keri Electronic Co.,Ltd
 Date of Receipt: June.26,2020
 Testing Period: June.26,2020-July 30,2020
 Testing Item: Multiple times Dermal Irritation Test

1. Test method and test environment:

1.1 Test method: Technical standard for disinfection(2002), technical standard for testing disinfection products 2.3.3

1.2 Test environment: Rabbit room with conventional condition. The license number of using laboratory animals is No.SYXK(粤)2018-0086. The room temperature was 22°C-23°C and the relative humidity was 55%-65%.

1.3 laboratory animals: New Zealand white albino rabbits, weighing between 2.3kg-2.4kg at the start of the test, were used. They were supplied by Guangdong Medical Laboratory animal Center(Sanshui Base). The production license number of laboratory animals is No.SCXK(粤)2019-0035. The animal certificate number is No. 44411600006865.

1.4 Quantity of animals/sex: 4/♀: ♂=1: 1

1.5 Preparation of sample: According to the client's request, the liquid in the atomization chamber was taken as test substances after the humidifier was operated for 30min.

1.6 Observation period: At the 24th hour after applying the test substance.

1.7 Test procedures: (1) Selected four healthy young adult New Zealand white albino rabbits. Approximately 24 hours before the test, the animals' spine hair was removed by shaving (approximately two areas of 3cmX3cm each). The skins were intact for testing. (2) Applied 0.5ml of the test substance to the test area on the left side, the other side did not be disposed as control. After 4 hours of exposure, cleaned the test area with warm water. Once a day for 14 days, at the 24th hour after applying the test substance, examined the degree of erythema and edema and scored the results according to table 1 'Dermal Irritation Reaction score', calculated the average value of each observation period, then graded the dermal reaction to table 2 'Grade of Dermal Irritation Reaction'.

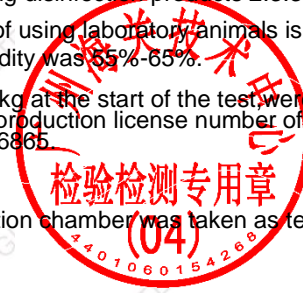


Table 1 Dermal Irritation Reaction Score

Skin reaction	value
Erythema and eschar formation	
No Erythema	0
Very slight erythema(barely perceptible)	1
Well-defined erythema	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
Slight edema(edges of area well defined by definite raising)	2
Noderate edema(raised approximately 1 millimeter)	3
Severe edema(raised more than 1 millimeter and extending beyond the area of exposure)	4

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Table 2 Grade of Dermal irritation reaction

Average Value	Intensity
0~<0.5	No irritation
0.5~<2.0	Slight irritation
2.0~<6.0	Moderate irritation
6.0~8.0	Severe irritation

2.Test result(s):

Scores of the test substance

Day	Number of animals	Irritation reaction score					
		sample			control		
		Erythema	Edema	Total	Erythema	Edema	Total
1	4	0	0	0	0	0	0
2	4	0	0	0	0	0	0
3	4	0	0	0	0	0	0
4	4	0	0	0	0	0	0
5	4	0	0	0	0	0	0
6	4	0	0	0	0	0	0
7	4	0	0	0	0	0	0
8	4	0	0	0	0	0	0
9	4	0	0	0	0	0	0
10	4	0	0	0	0	0	0
11	4	0	0	0	0	0	0
12	4	0	0	0	0	0	0
13	4	0	0	0	0	0	0
14	4	0	0	0	0	0	0
Sum scores of 14 days		0		0		0	
Each animal of average value for 14days		0		0		0	
Everyday average value of each animal		0		0		0	



3.Conclusion(s):

The test result showed that the average value of each animal of the test substance was 0.According to the 'Grade of Dermal irritation reaction',The test substance was considered as no irritation to rabbit's skins.

*****THE END*****

报告批准人: 陈文锐
陈文锐 (食品实验室主任)

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