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Report No.: S201011014_1

28 October 2020

APPLICANT: SECURE (NINGBO) INDUSTRIAL TECHNOLOGY
CO. LTD 斯扣 (宁波) 工业科技有限公司
(C41097)

ROOM 419 AIYIMEI BUILDING NO. 756
TIAN TONG NAN ROAD
NINGBO ZHEJIANG
CHINA

sale03@cnsecurer.com

Date of receipt : 22 Oct. 2020
Testing period : 22 Oct. 2020
: 28 Oct. 2020

Buyer: ---

Sample description: 一次性丁腈手套 Disposable Nitrile Gloves

Style / Article no. : SECBS1121

Test(s) requested : ---

Service : REGULAR

Brand / Section : ---

Season : ---

End use : ---

Factory name : ---

Factory code : ---

For CE Marking : Yes

Previous report : ---

Product category : ---

Product type : ---

Test stage : FIRST TEST

Supplier name : ---

Exported to : ---

1. Conclusion:

	Tests description	Conformity
	EN ISO 21420/EN ISO 374-1	
1	pH - Textile (KCl solution)	Pass
2	Aromatic amines derived from azo colorants	Pass
3	Polycyclic Aromatic Hydrocarbons (8)	Pass
4	Dexterity	Level 5
5	Air Leak Test	Pass
6	Water Leak Test	Pass
7	Dimethylfumarate (DMFu)	Pass
8	XRF screening	Pass
9	XRF screening (Tin)	Pass

	Tests description	Conformity
10	Phthalates	Pass

Pass: requirements met Fail: requirements not met None: no requirement for this test N/A: not applicable

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To declare the conformity to the requirement, the uncertainty of measurement, associated to the test results, has not been taken into account.

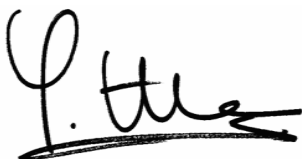


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Approved by



Henry YAN
Laboratory Manager



Yvonne MAO
Senior Analytical Chemical Engineer

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2. Sample(s) description assigned by laboratory:

<u>Size</u>	<u>Analyzed product</u>	<u>Description</u>	<u>Sample information</u>
	GLOVE	Whole glove blue nitrile palm(whole glove)	



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3. GLOVE/

Whole glove

	Method	Client Requirement	Unit	Result	Conformity
5.2. Dexterity Smallest diameter of pin fulfilling test condition Smallest diameter of pin fulfilling test condition (2) Smallest diameter of pin fulfilling test condition (3) Smallest diameter of pin fulfilling test condition (4) Performance level	EN ISO 21420: 2020		mm	5.0	
			mm	5.0	
			mm	5.0	
			mm	5.0	
				5	
● Air Leak Test Glove thickness Air pressure used to test Result	EN 374-2:2019		mm	0.08	Pass
		No air bubbles	kPa	3.0	
				No air bubbles	
● Water Leak Test Result	EN 374-2:2019				Pass
		No water leak		No water leak	

blue nitrile palm(whole glove)

	Method	Client Requirement	Unit	Result	Conformity
(+) 4.2. pH - Textile (KCl solution) pH value	ISO 3071:2020				Pass
		3.5< - <9.5		8.4	
4.2. Aromatic amines derived from azo colorants Accessible without fibre extraction	ISO 14362-1:2017 (w/o extraction)				Pass
		<30	mg/kg	<5	
▲ 4.2. Polycyclic Aromatic Hydrocarbons (8) Benzo(a)anthracene Chrysene Benzo(b)fluoranthene Benzo(k)fluoranthene Benzo(a)pyrene Dibenzo(a,h)anthracene	ISO/TS 16190: 2013				Pass
		<1	mg/kg	<0.1	
		<1	mg/kg	<0.1	
		<1	mg/kg	<0.1	
		<1	mg/kg	<0.1	
		<1	mg/kg	<0.1	
		<1	mg/kg	<0.1	

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	Method	Client Requirement	Unit	Result	Conformity
Benzo(e)pyrene		<1	mg/kg	<0.1	
Benzo(j)fluoranthene		<1	mg/kg	<0.1	
Phthalates	CEN ISO TS 16181 : 2011				Pass
BBP . Butyl benzyl phthalate		<1000	ppm	<25	
DBP . Di-butyl phthalate		<1000	ppm	<25	
DEHP . Di-(2-ethylhexyl) phthalate		<1000	ppm	<25	
DIBP . Di-isobutyl phthalate		<1000	ppm	<25	
▲ Dimethylfumarate (DMFu)	ISO/TS 16186 : 2012				Pass
Dimethylfumarate		<0.1	mg/kg	<0.1	
(+) XRF screening	ASTM F2617 – 15				Pass
Cd (Cadmium)		<100	ppm	<100	
XRF screening (Tin)	ASTM F2617 – 15				Pass
Sn (Tin)		<150	ppm	<150	

END OF TEST REPORT

- ▲: The test was carried out by external accredited laboratory under their accreditation scope.
●: The test was carried out by external accredited laboratory, not within their accreditation scope.

Table of Performance Level for Glove

Test Item	Performance Level					
	0 ^{##}	1	2	3	4	5
Finger dexterity (EN ISO 21420) Smallest diameter of pin fulfilling test conditions (mm)	---	11.0	9.5	8.0	6.5	5.0

Performance level 0 means the glove falls below the minimum performance level for the given individual hazard

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